



# Academic CV Writing and Mindset Behind It!

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# Before we begin let me introduce myself



B.Eng.  
Mech. Eng.  
Toronto, CA



M.E. Sc.  
Mech. Eng.  
London, CA



Ph.D.  
Zurich, Switzerland



Post-Doc  
Vancouver,  
Canada

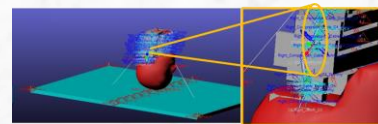
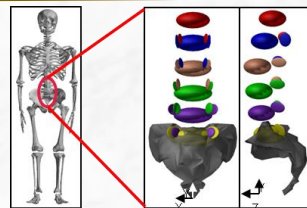


Post-Doc  
Adjunct  
Professor  
Bologna, IT



Post-Doc Fellow  
Adjunct Professor  
Leeds, UK

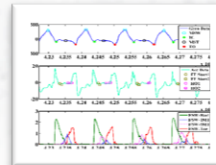
Assistant Professor  
in biomechanics/  
Ergonomics  
Tehran, Iran



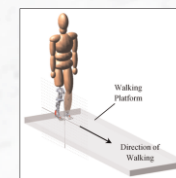
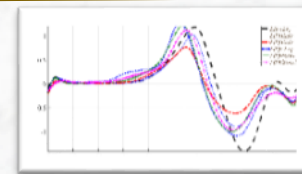
MSC.ADAMS



aabouhos@uwo.ca



IMU-Fall  
detection



Physical  
Ergonomics,  
how to improve  
performance  
and bring  
adaptability to  
the user.





# Question continuously being asked!



# You are here to ....

- Learn about how to make an academic CV
- What is an academic CV?
- Where do you wish to use it?
- What are you try to achieve with it?
- Are you trying to get a academic job?
- Are you trying to get a joint fund application?



# Let's talk about Joint Funds





# Partnership to Apply for Fund/Grant

What do we Need?

# Understand the Fund and Announcement!

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Your Function; as a partner, manager,  
researcher!

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Read as many time as you think the call!

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What are you applying for? Basic science, preventing, prototype making,  
mass production

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Prepare the documents as needed, e.g. proposal, CV, supporting documents

# One of the most Challenging topic...



Understanding the call!



What Science/requirements they are talking about, and can you identify yourself as an expert in that faculty

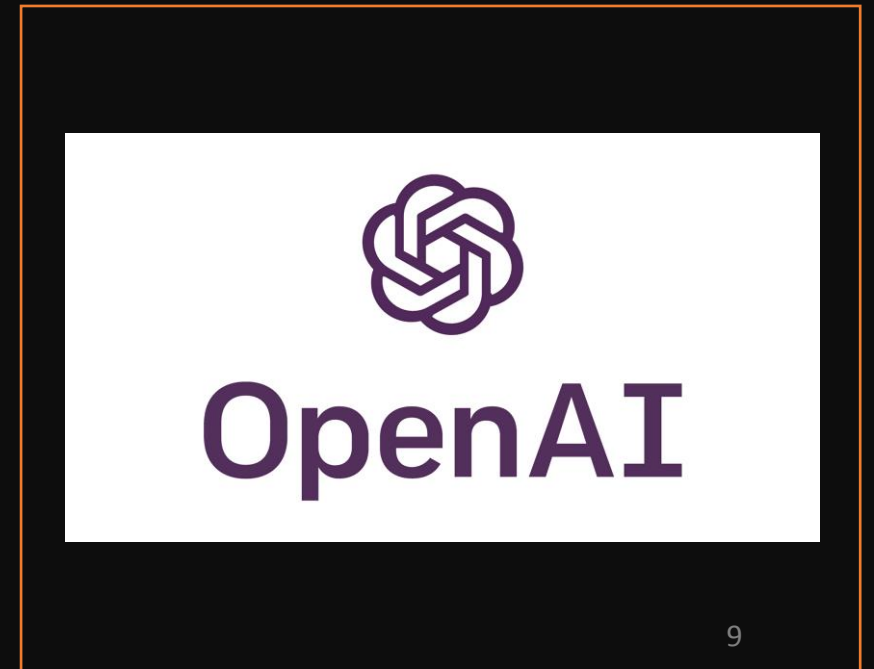


What can you contribute to the group? Value added



# Classification: Science of Future

- Learn & understand M/L
- The Open AI GTP the pal of our future!
- Let's look at the powerpoint I entirely created with the help of chat.GTP AI. 😊



# Funds and Grants

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Horizon 2020 → Horizon Europe or

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Global Challenges Research Fund, UK (not possible)

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Find partner

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Equitable access to sustainable development

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Write grant application, follow the rules

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***Part of rules, Your reputation and how you present yourself***

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Sign the contract

# REF: Research Excellence Frame



The REF is the system for assessing the quality of research in higher education institutions (HEIs).



It was first conducted in 2014 in UK



# How are those involved in

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The REF was conducted jointly by the four higher education (HE) funding bodies:

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Research England (RE),

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the Scottish Funding Council (SFC),

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the Higher Education Funding Council for Wales (HEFCW), and

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the Department for the Economy, Northern Ireland (DfE).

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*The REF was managed by the REF team, based at RE, on behalf of the four funding bodies and was overseen by the REF steering group, consisting of representatives of the four funding bodies.*

# Why REF was Created: Money Talk\$



To inform the selective allocation of the four HE funding bodies' grants for research to the institutions which they fund



To provide accountability (taking responsibility) for public investment in research and produce evidence of the benefits of this investment.



To provide benchmarking information and establish reputational yardsticks (Measure), for use within the HE sector and for public information.

# How REF is getting Assessed, on 3 elements



The quality of research Outputs.



The quality of the Impact of Research.



The quality of the environment to support research and impact.



# Output

Outputs are the published or publicly available products of research, which can take many forms. These include books, monographs, chapters in books and journal articles as well as performances, exhibitions and other practice research outputs, software, patents, conference proceedings, translations, and digital and visual media.

Outputs account for 60% of the overall outcome awarded to each submission and are assessed against three criteria: originality, significance, and rigour.

# Quick Look at the Digital and Visual Media



LinkedIn



Twitter



Mastodon



Instagram

# Research Impact

- Impact is defined as the effect on:
- change or benefit to the
- Economy,
- Society, culture,
- Public policy or Services,  
Health,
- the Environment or Quality of Life, Beyond Academia.





# How REF is getting Assessed, on 3 elements



The quality of research Outputs.



The quality of the Impact of Research.



The quality of the environment to support research and impact.

# The Quality of Research Output



REF assesses the quality of publicly available outputs from research by academic peer review.



In many disciplines, outputs are commonly text-based, including academic journal articles, authored and edited books, book chapters, monographs.



Mostly, open access publications, publications should not only be for the elite or certain class of academics, should be available for all.

# The Quality of Impact Research

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- Research impact measurement may be *calculated using researcher specific metrics such as the **h-index***, or by *quantitative methods such as citation*





# Environment

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- ‘Environment’ means
- the environment for supporting research and enabling impact within each submitting unit.
- Environment is assessed against two criteria: vitality(سرزندگی) and sustainability(استمرار یا پایداری)



# The 1-million-dollar question?

- Are we making the environment a pleasant, motivating, accessible, amusing, rewarding place to conduct research?
- Have we as a person who has been involved in the academia, tried to do such actions?
- Are we making people who work in research a sense of belonging?

## So far...

- You have seen what are the basic idea of how a Research Excellence Frame is developed and what are the criteria behind it
- So, knowing all these facts and assessment tools makes you ready to write your CV and prepare it as it requires for the the job you wish to have or for collaboration.
- Let's see how Chat-GPT has created a presentation for CV writing



# Let's talk about Academic CV

- **CV sections and headings**
- **Headings can be located and titled strategically. Determine what is of primary importance, and put that section first.**
- **Common CV headings**
- **Name & Contact Information**
- **Education**
- **Research Experience**
- **Fellowships/Grants/Awards/Honors**
- **Teaching Experience**
- **Mentoring Experience**
- **Other Professional Experience, e.g., Industry Experience, Government Experience**
- **Presentations**
- **Publications**

# Let's talk about Academic CV: Headings

- **Additional CV headings (if applicable)**
- **Patents**
- **Professional Associations**
- **Leadership & Service Activities**
- **Research Interests**
- **Teaching Interests**
- **Outreach Activities**
- **Works in Progress**
- **Skills – may include subcategories such as Computer, Languages, Lab Instrumentation**
- **Languages**
- **References**
- **Other – could include relevant global /field experience, and personal interests**
- **Including work or professional experience**



# Let's Talk about Academic CV

- In an academic CV, you can choose whether to include other non-academic work experience depending on the opportunity you are applying for. If your work experience is not directly relevant to your academic interests, are there skills you gained that make the experience worth including? Work experience may take a number of forms in your CV. You may describe your experience briefly or list it without description.
- **Publications section**
- List publications in reverse chronological order.
- Use the citation style of your field
- Put your name in bold to highlight your authorship
- Can create separate categories to add clarity: “Publications,” “Book Chapters”, etc.
- Can list “Works in Press” or “Works in Progress” to show up-and-coming research
- **Presentations section**
- Conference presentations should include: Title, Name of conference or event, Location, Date
- Can use sub-headings: “Invited Talks,” “Posters”, etc.
- **Patents**
- Short citation format: patent number, title, and date issued

# Now Let's talk about Academic CV

- Five Steps to write a Great Resume
- Your CV provides an overview of your experience and is often an employer's first impression of you.
- Your CV will get you an interview
- Your CV shall get you a good collaborative partner
- So, many more...

# 5 Steps- Step 1

- Use the position description to decide what to include.
- Look at the skills required for the position and select experiences where you demonstrated those skills.
- Remember: experience comes in many forms.
- In addition to jobs, internships, leadership roles, consider including class projects, competitions or even personal projects.
- Just be sure to describe the experience in terms that make its **relevance clear**.

## 5 Steps- Step 2

- Pick a standard and simple Format
- Use a conservative font no smaller than 10pt and leave at least half inch margins on all sides.
- Stick to one page, unless you have extensive experience or an advanced degree.
- Use bold text sparingly to highlight key information or section headings.



# 5 Steps – Step 3

- Describe your experiences with specificity and strong action verbs.
- Resumes don't require complete sentences and you should avoid using the first person (I, me, my).
- Start descriptions with a strong action verb like built, managed, developed, wrote.
- **Researchers:** Clarified, Collected, Critiqued, Diagnosed, Evaluated, Examined, Extracted, Identified, Inspected, Inspired, Interpreted, Interviewed, Investigated, Organized, Reviewed, Summarized, Surveyed, Systematized
- **Technical Skills:** Assembled, Built, Calculated, Computed, Designed, Devised, Engineered, Fabricated, Maintained, Operated, Pinpointed, Programmed, Remodeled, Repaired, Solved
- **Teaching Skills:** Adapted, Advised, Clarified, Coached, Communicated, Conducted, Coordinated, Developed, Enabled, Encouraged, Evaluated, Explained, Facilitated, Guided, Informed, Instructed, Lectured, Persuaded, Set goals, Stimulated, Taught, Trained
- **Creative Skills:** Acted, Conceptualized, Created, Customized, Designed, Developed, Directed, Established, Fashioned, Illustrated, Instituted, Integrated, Performed, Planned, Proved, Revised, Revitalized, Set up, Shaped, Streamlined, Structured, Tabulated, Validated
- **Helping verbs:** Assessed, Assisted, Clarified, Coached, Counseled, Demonstrated, Diagnosed, Educated, Facilitated, Familiarized, Guided, Inspired, Motivated, Participated, Provided, Referred, Rehabilitated, Reinforced, Represented, Supported, Taught, Trained, Verified

## 5 Step- Step 4

- Record accomplishments and contributions, not just responsibilities.
- The best way to articulate your impact is with factual accomplishments.
- Your experience descriptions shouldn't read like job descriptions. While it might be technically accurate to say “was responsible for delivering projects on time,” it's much more effective to say,
  - “ensured projects were delivered on or ahead of schedule.”
  - Did you improve a process or make a crucial discovery? Don't wait for an interview to talk about it.

## 5 Steps – Step 5

- Keep Revising, Revise carefully and intelligently
- The simplest error can undo all your hard work.
- Even a resume without a single typo is worthless if you forget to include your contact information.
- Read and reread everything carefully before sending it anywhere.
- Your best bet is to have a few people proofread it for you.

# Let's look at some of the CVs

- **Personal History**

Date: 23/December/2022

Name (first name/surname, last name/forename)

Address (Office): Shahid Beheshti Faculty of Nursing & Midwifery, Valiasr Avenue, at the corner of Niayesh Highway. opposite of Shahid Rajai Hospital, Tehran, Iran

Phone (Office):

\*Email Address: [esteki.t@sbmu.ac.ir](mailto:esteki.t@sbmu.ac.ir)

\* Optional items

What is missing in this CV?

ORCID: **Open Researcher and Contributor ID**



Avoid by all means, vSyntax error, Grammar errors

MEDICINE			
The Short term Period of Refreshing Course for “Wound & Related Care”	Academic member ,nurses & midwives	Shahid Beheshti Faculty of Nursing & Midwifery, Tehran-	2002

# Avoid to put such large photo!

*In the name of God*

## Curriculum Vitae

### PERSONAL INFORMATION

**First name:** Alireza

**Surname:** Ahmadzadeh

**Date of birth:** November 16, 1984

**Nationality:** Iranian

**Email:** a.ahmadzadeh@sbmu.ac.ir/



# Syntax

## Education

- PhD of molecular medicine, Shahid Beheshti University of Medical Sciences, 2011-2015.
- Master's degree in cell molecular biology, Tehran university, 2007-2009.
- Bachelor's degree in biology, Arak university, 2004-2007.

## Job EXPERIENCE

- Head of the cell and tissue committee in Iranian Food and Drug Ministry of Health, 2016-2022.



# Include DOI

## *Books and chapter of books*

- Mortazavian, A. M., **Khorshidian, N.** (Eds.) (2017). Aflatoxin in milk and milk products. Lambert Academic Publishing, Germany.
- **Khorshidian N.**, Yousefi M, Sarica D Y. Occurrence of aflatoxin M<sub>1</sub> in milk and milk products. In Aflatoxin in milk and milk products, Lambert academic publishing. Mar 2017, 42-71.
- Yousefi, M., **Khorshidian, N.**, Mortazavian, A.M. (2020). Detoxification properties of microorganisms in foods. In: Microbial biotechnology in food and health. Elsevier, Inc. pp. 81-112.
- **Khorshidian, N.**, Yousefi, M., Mortazavian, A.M. (2020). Fermented milk: the most popular probiotic food carrier. In: Probiotic and Prebiotics in Foods: challenges, innovations and advances. Elsevier, Inc. pp. 91-114.
- Cacciotti, I., Garavand, F., Rostamabadi, H., **Khorshidian, N.**, Sarlak, Z., Jafari, S.M. (2020). Nano/micro-encapsulated ingredients in chewing gum. In: Application of Nano/microencapsulated ingredients in food products, volume 6. Elsevier, Inc. pp. 345-386.
- **Khorshidian, N.**, Yousefi, M., Mollakhalili, N., Mortazavian, A.M. (2021). Starter cultures for probiotic beverages: A comparative study of traditional and modern approach. In: Probiotic beverages: Trends in health, production and marketing. Elsevier, Inc. pp. 259-277.



# Order, Order and Order



## Amirhossein Hosseini, MD

Board Certified in Pediatric Gastroenterology & Hepatic Diseases  
Pediatric Gastroenterology, Hepatology and Nutrition Research Center,

Research Institute for Children's Health,  
Mofid Children's Hospital,

Shahid Beheshti University of Medical Sciences,

Tehran, Iran

@\_AmirHosseiniMD

[www.amirhosseini.com](http://www.amirhosseini.com)

Cell phone: +9821126430



### Education

- Assistant Professor of Pediatric Gastroenterology & Hepatic Diseases 2018 till now  
Shahid Beheshti University of Medical Sciences
- Pediatric gastroenterohepatologist 2016-2017  
Shahid Beheshti University of Medical Sciences,
- Chief Fellow of Pediatric gastroenterohepatology 2015-2016  
Shahid Beheshti University of Medical Sciences,
- Fellow of Pediatric gastroenterohepatology 2014-2016  
Shahid Beheshti University of Medical Sciences,
- Guest at Pediatric Resident 2010-2013  
Shahid Beheshti University of Medical Sciences,
- Medical Intern 2005-2007

Shiraz University of Medical Sciences

- Medical Student 1999-2005

Shiraz University of Medical Sciences

### Work Experience

- Director of research center, Pediatric Gastroenterology, Hepatology and Nutrition Research Center, Research Institute for Children's Health, Shahid Beheshti University of Medical Sciences, Tehran, Iran 2016 till now
- Assistant Prof. of Gastroenterology and Hepatology (Ped), Mofid Children's Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran 2016 till now
- Assistant Prof. of Gastroenterology and Hepatology (Ped), Loghman Hakim General Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran 2010 till now
- Pediatric Gastroenterology fellow at Mofid Children's Hospital of Tehran: 2014-2016
- Pediatrician at Faraman-Hosseini General Hospital of Alwan, Iraq, Iraq 2012-2014
- General Practitioner at Pediatric surgery research center, Sassanese Hospital of Shiraz, 2009
- Medical Doctor at Pediatric surgery (PICU) and NICU, Sassanese Hospital of Shiraz, 2007-2009
- Medical Intern at several academic hospitals of Shiraz affiliated to Shiraz University of Medical Sciences, 2005-2007

### RESIDENCY 2010-12

#### Pediatric Resident

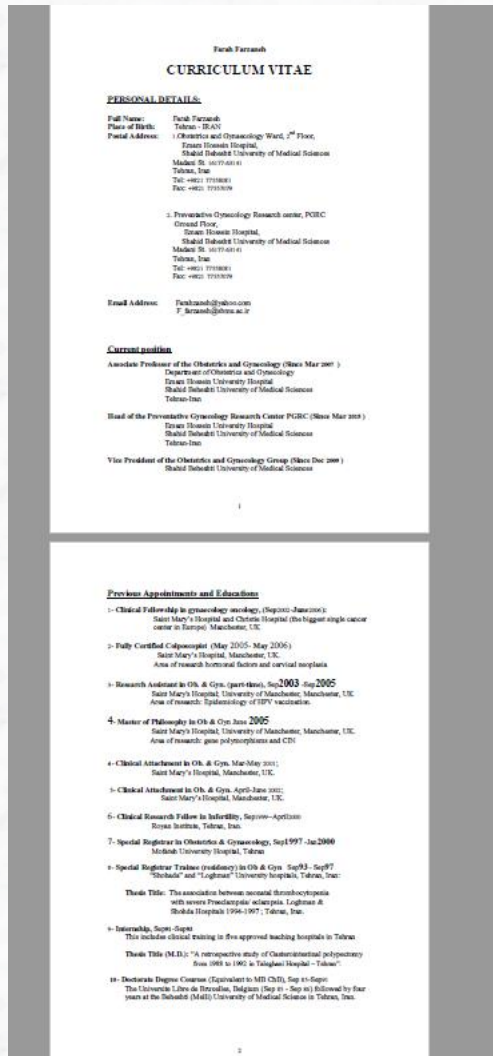
Shahdard Farjeh Hospital, Tehran, Iran  
380 beds, 20 Pediatric beds, 6 NICU beds, 10 Neonatal beds  
Mofid Children Hospital, Tehran, Iran  
255 Pediatric beds, 175000 outpatient and 11000 admissions annually

### Journal Publications

Original articles:

## Education

- Assistant Professor of *Pediatric Gastroenterology & Hepatic Diseases* 2018 till now  
*Shahid Beheshti University of Medical Sciences*
- Pediatric gastroenterohepatologist 2016-2017  
*Shahid Beheshti University of Medical Sciences,*
- Chief Fellow of Pediatric gastroenterohepatology 2015-2016  
*Shahid Beheshti University of Medical Sciences,*
- Fellow of Pediatric gastroenterohepatology 2014-2016  
*Shahid Beheshti University of Medical Sciences,*
- General Pediatric Resident 2010-2013  
*Shahid Beheshti University of Medical Sciences,*
- Medical Intern, 2005-2007



**Full Name:** Farah Farzaneh  
**Place of Birth:** Tehran - IRAN  
**Postal Address:** 1.Obstetrics and Gynaecology Ward, 2<sup>nd</sup> Floor,  
 Emam Hossein Hospital,  
 Shahid Beheshti University of Medical Sciences  
 Madani St. 16177-63141  
 Tehran, Iran  
 Tel: +9821 77558081  
 Fax: +9821 77557079

2. Preventative Gynecology Research center, PGRC  
 Ground Floor,  
 Emam Hossein Hospital,  
 Shahid Beheshti University of Medical Sciences  
 Madani St. 16177-63141  
 Tehran, Iran  
 Tel: +9821 77558081  
 Fax: +9821 77557079

**Email Address:** Farahzaneh@yahoo.com  
 F\_farzaneh@sbsmu.ac.ir

**Current position**

**Associate Professor of the Obstetrics and Gynecology (Since Mar 2007 )**  
 Department of Obstetrics and Gynecology  
 Emam Hossein University Hospital  
 Shahid Beheshti University of Medical Sciences  
 Tehran-Iran

**Head of the Preventative Gynecology Research Center PGRC (Since Mar 2015)**  
 Emam Hossein University Hospital  
 Shahid Beheshti University of Medical Sciences  
 Tehran-Iran

**Vice President of the Obstetrics and Gynecology Group (Since Dec 2009)**  
 Shahid Beheshti University of Medical Sciences



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**e-mail: a.abouhossein@sbmu.ac.ir**  
**Cellular: +98 939 499 6877**  
**orcid.org/0000-0001-8697-1593**

## EDUCATION

**Institute for Surgical Technology and Biomechanics**  
**The University of Bern, Bern, Switzerland** [09/2005-10/2010]  
**Ph.D. in Science (designation Magna Cum Laude)**  
**Dissertation: "A dynamic, non-linear multi-body model to estimate segmental forces & torques in the lumbar spine"** (musculoskeletal modeling)  
**Supervisors: Profs. Stephen Ferguson (ETHZ) & Lutz Nolte (University of Bern)**

The Swiss Federal Laboratories for Materials Testing and Research (EMPA) funded the project that was initiated by *Synthes Spine, Oberdorf, Switzerland* (now part of Johnson & Johnson) to develop a **musculoskeletal model of the lumbar spine to estimate the maximal segmental forces and torques for testing**, and re-design of motion preserving implants which are utilized in total disc arthroplasty. Using VICON motion capture analysis, the model of the lumbar spine in motion capture from subjects without any history of spine pathology was collected. Those kinematics data were integrated into the musculoskeletal models developed on MSC.ADAMS software with a corresponding apophyseal joint to obtain joint forces and torques during trunk loading rate to understand load-bearing characteristics of the different anatomical elements of the lumbar spine. The outcome verified that both compressive and shear joint loads may exceed the safe limit of the lumbar spine when subjected to the higher trunk loading rate and that could be a cause of low back pain (Publications). Other outcomes of this dissertation were the effect of the dynamic loads and the role of synovial facet constraint on the load-bearing characteristic of the intervertebral disc and ligaments and the calculation of the instantaneous center of rotation of a multibody model (Publications).

**The University of Western Ontario, London, ON., Canada** [09/1999-06/2001]  
**The Hand and Upper Limb Centre**  
**M.E.Sc. in Mechanical Engineering**  
**Thesis: "A Non-Invasive Approach to measuring three-dimensional bone kinematics"**  

- Used ICP (iterative closest point) algorithm and a quaternion to calculate the kinematics of the forearm

**Supervisors: Profs. George Knopf & Jim Johnson**

**Toronto Metropolitan University (Ryerson University), Toronto, ON., Canada** [09/1993-10/1997]  
**B.Eng. in Mechanical Engineering**  
**Areas of Concentration: Fluid Dynamics, HVAC, Controls**  
**Thesis: "A Comparative Study of Proportional-Integral (PI) Control and Fuzzy Logic Control (FLC)"**

Accessibility: Investigate



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 Cellular: +98 939 499 6877  
 orcid.org/0000-0001-8697-1593

## EDUCATION

**Institute for Surgical Technology and Biomechanics**  
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**B.Eng. in Mechanical Engineering**  
**Areas of Concentration: Fluid Dynamics, HVAC, Controls**  
**Thesis: "A Comparative Study of Proportional-Integral (PI) Control and Fuzzy Logic Control (FLC)"**  

- Research Domain:**
  - MSK dynamics simulation
  - 3D-printer human-centered design
  - wearable technology to assess and performance evaluation
  - machine learning/artificial intelligence approaches in movement analysis



## Professional experience

- Professor assistance in Food Safety Research Center of Shahid Beheshti University of Medical Sciences
- Research Assistant in toxicology Laboratory, School of Public Health, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Effective participation to set up and complete the laboratories of the Food Safety Research Center of Shahid Beheshti University of Medical Sciences
- Effective participation in the design and selection of laboratory equipment of laboratories of Food Safety Research Center of Shahid Beheshti University of Medical Sciences
- Participation in the exhibition of research achievements of Shahid Beheshti University of Medical Sciences in the 16th, 17th and 18th Abu Reihan Research Festival
- Member of the Executive Committee of the Third National Conference on Natural Toxins
- Refereeing the posters of the third national conference on natural toxins
- Internship in Environment, health & safety department of Bahman Group (Automaker company), Tehran, Iran.
- Internship in Environment, health & safety department of Abzar Mehdi company (Tool manufacturer), Damghan, Iran.



What is our job!

- An ounce of prevention is worth a pound of cure!
- یک ذره پیشگیری، ارزشی دارد برابر است با یک دنیا درمان!

“Benjamin Franklin, 1736”

دانشکده بهداشت و ایمنی  
School of Public Health & Safety





Thank you for  
careful  
Listening!

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