



Details

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Links



[website](#)



[LinkedIn](#)

Profile

Strategic and detail-oriented **researcher, implementer and science communicator** with expertise in **lab management, data governance, and team leadership**. Skilled in **project coordination, public engagement, and workflow optimization**, fostering collaboration across research and industry. Passionate about translating complex scientific ideas into impactful communication and ensuring efficient research environments.

Relevant Work Experience

Research Administrator & Lab Manager | The Neuro, McGill University | Montréal | 2024-Present

- Lab Management & Operations: Oversee the daily operations of the lab, ensuring smooth workflow
- Data Management: Implementing and maintaining efficient data storage and sharing with creating pipelines
- Project Coordination & Research Support, manage multiple research initiatives, providing administrative and technical support to researchers, students, and collaborators.
- Event Planning & Community Engagement: Organize lab retreats, seminars, and collaborative events.
- Financial & Grant Management: Assist in grant applications, track funding allocations, and oversee budget planning to optimize research funding usage.
- Team Leadership & Mentorship: Act as a key point of contact between faculty, students, and external partners, fostering a collaborative and supportive research environment.
- Process Optimization & Documentation: Develop standardized workflows for research documentation, experimental protocols, and data management practices.
- Public Relations & Outreach: Lead the social media strategy, enhancing visibility and engagement within the neuroscience research community.

Social Media & Communications Manager | Réseau Sommeil (Quebec Sleep Research Network) | 2024 – Present

- Strategic Communications & Public Engagement: Develop and execute social media strategies to increase the network's visibility and engagement with the research community.
- Content Creation & Promotion: Curate and share high-quality scientific and promotional content.
- Event Marketing & Coordination: Support the planning and promotion of sleep research conferences, workshops, and public outreach events.
- Network Expansion & Collaboration: Strengthen partnerships within the scientific community by managing professional connections and collaborations.
- Knowledge Mobilization: Facilitate the dissemination of sleep research findings to both academic and non-academic audiences, ensuring accessibility and impact.

Graduate Researcher | McGill University | Montréal | 2020 — 2023

- Coordinated neuroimaging studies on orofacial chronic pain, ensuring compliance with research protocols.
- Managed participant recruitment, scheduling, and data collection.
- Developed and revised experimental protocols and performed data analysis.
- Successfully completed and awarded pilot pain research grant from Quebec Pain Research Network.
- Secured pilot pain research grant and multiple fellowships totaling over C\$ 88,500.
- Presented the project in the 2022 Canadian Pain Society Annual Meeting.

General Dentist | Fatemeh Zahra limited surgery clinic | Tehran | 2017 — 2018

- Provided expert diagnosis and treatment for oral health issues to patients of all ages.
- Utilized the latest technology to maximize patient comfort and efficiency.
- Supervised clinic staff and ensured adherence to clinical protocols.
- Conducted patient education on oral health and preventive care

Associate Dentist | Bushehr University of Medicine | Bushehr | 2016 — 2017

- Led clinical operations in rural areas, overseeing staff onboarding, supply management, and patient care.
- Developed and implemented patient safety and infection control protocols.
- Educated patients on the importance of proper oral hygiene and preventive care.

EDUCATION

Master of Science | University of Lethbridge | Lethbridge | 2018 —2020

- Thesis: neuroscience of social influence in believing fake news (publication in-progress).
- Designed experiment and collected data and performed data analysis and computational model.
- Awarded with Graduate Scholarship and research fellowship- University of Lethbridge- C\$ 66,000.
- Awarded the third place in the competition of science and technology start-up proposal.

Doctor of Dental Surgery | Azad University of Dentistry | Tehran | 2009 — 2015

- Thesis: the efficiency of insurance and socioeconomical status correlates on caries in school children.
- Implemented mixed method for study design and data analysis.

Bachelor of Science | University of Tehran | Tehran | 2008 —2013

Honorary thesis: a metanalysis on application of molecular triggers of apoptosis in treatment of cancer.

PROFESSIONAL AND COMMUNITY CO-CURRICULAR EXPERIENCES

Staff volunteer of selective committees | Neuromatch Academy | 2020 — Present

- Co-chair of Inclusivity, Diversity, and Outreach Committee.
- Led social media and publicity teams, contributing to educational environment planning and financial development.
- Designed and executed activities to improve the student experience in online learning environments.
- Member of following teams: educational environment planning, technical support, applicant reviewer, marketing team, illustration, and financial development.
- Collaborated with interuniversity diverse members of the global neuroscience community.

Directory Committee Member | Quebec Network of Junior Pain Investigators | Montréal | 2023 - present

- Managed finance and sponsorship recruitment for PAINtalks 2023 event.
- Managed fundraising, funds, and sponsorships for the event of PAINtalks through outreach to potential sponsors.
- Contributed to communication and outreach efforts for event promotion and publicity.

Member of Executive Board at annual High School Cognitive Neuroscience Competitions, Iran | 2013 — 2018

- Delivered Teaching Workshops: Basics of Neuroscience, Electrophysiology, Psychophysics.
- Authored Tutorial Notes and Instructions: Chapter on introduction to electrophysiology – chapter on introduction to psychophysics.
- Mentored Students: Supervising students with selected projects.
- Organizing and decision committee member.

TEACHING EXPERIENCES

Teacher | Farzanegan high school | Tehran | 2008 — 2014

- Developed a new curriculum to include current research in the field of biology and neuroscience that was then incorporated nationally into the NODET high school science curriculum.
- Collaborated with colleagues to develop and implement interdisciplinary units that incorporated biology and other subjects.
- Assessed students' academic knowledge and mentored students for research projects and biology Olympiad.

Undergraduate Teaching Assistant | University of Tehran | Tehran | 2011 —2012

- Courses: Genetics Laboratory

Graduate Teaching Assistant | University of Lethbridge | Lethbridge | 2011 —2012

- Courses: Principles of Neuroscience, Introduction to Cognitive neuroscience, Behavioral Neuroscience, Clinical Neuroscience.

COURSES AND CERTIFICATIONS

- Good Clinical Practice (GCP) Certification
- Google Advanced Data Analytics Professional Certificate, Google Career
- Google UX Design Professional Certificate, Google Career
- FSL Course, Oxford Centre for Functional MRI of the Brain
- Various courses in neuroscience and data analysis from the Institute for Research in Fundamental Sciences

SKILLS

- **User Experience Design**
UX research, wireframe, prototype, mock-up, Figma, usability testing, Adobe XD.
- **Project Management**
Team leadership, project planning, financial oversight, grant writing
- **Neuroimaging**
fMRI data analysis, structural and functional MRI
- **Data Science and Statistical Analysis**
Data Visualization, SQL, Deep learning and Machine Learning, SPSS, R Studio, Tableau Software
Predictive Modelling, Kaggle
- **Communication**
Strong written and verbal communication skills, presentation skills
- **Clinical Trial Coordination**
Protocol development, participant recruitment, informed consent, regulatory compliance, adverse event Reporting

Languages

Persian (native), English (fluent), French (advanced), Turkish (intermediate)

HOBBIES

Choreography, Dance and performing arts, Fashion design, Jewellery design, Digital photography, Music (instrument and vocal), Sketching and crafting, Graphic design and illustration, Kickboxing, Hiking and travelling.