

SUMMARY OF QUALIFICATIONS

- 3+ years of experience in designing, developing, and testing web-based and mobile applications
- Experienced with adopting statistical and Machine-Learning approaches in visual analytics systems
- Seeking to learn new technologies; adept at working in both team and individual environments
- Skilled at problem solving and handling research tasks
- Excellent communication skills (several teaching and project management experiences, and written and oral fluency in English)

EXPERIENCE

University Of Western Ontario

London, ON, Canada

Graduate Research Assistant

Sep 2020 - Dec 2021

- Design and development of an exploration and analysis tool for PDF scientific documents
- Applying Machine Learning and NLP techniques on scholarly data (e.g., topic modelling, document clustering, textual summarization)
- Design and development of advanced interactive information visualization interface using ReactJS and D3.JS

Rayan Pajouh Co.

Tehran, Iran

Mobile Application Developer

Jan 2019 – Aug 2020

- Design and development of Health-care and medical mobile applications (Hypertension management, medical telecommunication, etc.)
- JavaScript, React Native, and Web-RTC were the mainly used technologies
- Designing Relational Databases, System Analysis and Design, and Startup planning were side tasks and activities

Ministry of Industry, Mine and Trade

Tehran, Iran

UI/UX Internship

Jun 2018 – Sep 2018

- Member of a UI/UX development team for implementing an online sale and trade platform using ReactJS

EDUCATION

University Of Western Ontario

London, ON, Canada

M.Sc. in Computer Science, Supervisor: Dr. Kamran Sedig

Sep 2020 - Dec 2021

- **Thesis:** “A Visual Analytics System for Rapid Sensemaking of Scientific Documents”
- **Research Focus:** Human-Information Interaction - Visual Analytics systems - Scholarly Information Analysis - Text Processing and Natural Language Processing

Kharazmi University

Tehran, Iran

B.Sc. in Computer Engineering, GPA: 3.50/4.00

Sep 2015 - Jun 2019

- Obtained the B.Sc degree with GPA 16.76/20, ranked top 10% of the class

SKILLS

- **Machine Learning theory and algorithms:** SVM, Bayesian Methods, Linear/Logistic Regression, Decision Tree, Random Forest, Clustering, Deep Learning
- **Python Modules:** PyTorch, Numpy, Scipy, Pandas, Scikit-learn, Matplotlib, Gensim, SpaCy, NLTK
- **JavaScript Technologies:** React Native, React JS, JQuery, D3.js
- **Server-side Programming languages and Frameworks:** JavaScript (Node JS, Express JS), Python (Flask)
- **Databases:** MySQL, Mongo DB
- **Familiar with Other Languages and Technologies:** Java, C++, Swift, Docker, Git

LANGUAGES

- **English:** Full professional proficiency (C1)
- **Persian:** Native Language

ACADEMIC ACTIVITIES

- **Teaching Assistant** at University of Western Ontario Jan 2021 - Dec 2021
CS2034: Data Analytics (VBA), CS1027: Computer Science Fundamentals II (Java), CS1033: Multimedia and Communication
- **Mobile Application Design Workshop** at Kharazmi University Sep 2018 - Dec 2018
Held 12 sessions; using Adobe XD, React Native, PHP, and MySQL to develop a dynamic mobile application
- **Web Application Design Workshop** at Kharazmi University Jan 2018 - Jun 2018
Held 14 sessions; using Bootstrap, JQuery, PHP, CodeIgniter, and MySQL to develop a dynamic web application

SCHOLARSHIPS AND AWARDS

- Awarded Western Graduate Research Scholarship by Western University Sep 2020 - Dec 2021
- Honored to be eligible for studying Master of Artificial Intelligence directly as an elite student by Kharazmi University