

Professional Profile

Software developer with three years professional teamwork experience in software design and development, software testing and troubleshooting, network administration and maintenance. Efficient knowledge and hands-on experience of programming, software design, front-end and back-end web applications such as JAVA, C++, Python, Javascript (NodeJS and React), MySQL and MS-SQL. Graduated with M.Sc. in computer science with excellent problem-solving skills. A detail oriented, quick learner person with strong communication skills and the ability of work with a team of like-minded people.

Experience

Solutions Builder

Ottawa, Canada

AMAZON WEB SERVICES (AWS)

Aug. 2019 - Now

- Designing and developing well-architected and vetted cloud based solutions.
- Implementing new logic and functionality to extend possibilities of what can be done on AWS.

Consultant

Toronto & Ottawa, Canada

DELOITTE DIGITAL

Jul. 2018 - Aug. 2019

- Developing a CIAM solution and a front-end software using NodeJS, React, Redux for Loblaw Digital
- Developing testing strategy and mobilizing test automation for Canada Pension Platform

Software Developer

Toronto, Canada

TELUS COMMUNICATIONS INC.

Mar. 2017 - Jun. 2018

- Developing a software/network platform that utilizes Docker containers, container platforms and virtual machines for deployment.
- Implementing documentation, code evaluation, testing integration and devops pipelines for development processes.

Web Developer

Tehran, Iran

INSTITUTE OF RESEARCH IN FUNDAMENTAL SCIENCES (IPM.AC.IR)

Aug. 2013 - Aug. 2014

- Designed and developed multiple inter-departmental workflows moving from paper-based to online service.
Implemented and documented tender and auction workflow using **Javascript & PHP**.
Obtained the skills of communication, teamwork, and organizational hierarchy.

Lab & network administrator

Tehran, Iran

AMIRKABIR UNIVERSITY OF TECH. COMPUTER ENGINEERING DEPT.

Oct 2012 - Aug. 2013

- Provided guidance & training of Linux and Windows OSs for students
- Maintenance for the lab (80 computers and a server) and the whole department's network system
- Obtained the skills of teamwork, task exchange, time management, and customer communication

Programming languages and Qualifications

Primary	JAVA , Number of large projects and lots of problem solving codes	Expert
Secondary	C & C++ , Number of medium sized projects and lots of problem solving codes	Skilled
Secondary	Python , Work experience and taught in class for 2 semesters	Skilled
Web dev.	PHP, HTML, CSS, Javascript, jQuery, AngularJS, NodeJS, Tornado server , various projects	Expert
Soft. Eng.	JIRA, MS Project, Agile development patterns, UML models , course projects and work	Familiar
Databases	Elasticsearch, MySQL, MS-SQL, MongoDB, RavenDB , Used for web dev. and course projects	Skilled
Simulation	MATLAB, NS3, Gurobi optimizer , Used for course projects and research	Skilled
Dev. Tools	Docker, OpenShift, Vagrant, Gitlab, Wordpress, phpMyAdmin , for development and devops	Skilled
OS	Ubuntu, Fedora, RedHat, Cent OS, Windows , Used in work, research and general use	Skilled

Personal Projects

Cloud Identity and Access Management full stack solution for Loblaw Digital.

JavaScript, ReactJS, NodeJS

TEAM PROJECT

Aug. 2018 - Apr. 2019

- Team project, worked with 4 other people and a project manager
- Solution is live under the name accounts.pcid.ca for all Loblaw subsidiary websites

Parallel HTTP for video streaming on Wireless Networks

JAVA

UNIVERSITY OF CALGARY

Winter 2016

- A new adaptive video streaming method using parallel http request to enhance QoE
- <https://github.com/mohsenari/parallel-streaming-ParS>

Linux terminal web page

HTML, CSS, Javascript

INDIVIDUAL PROJECT

Oct. 2016

- Developed a web page template that looks like Linux (Ubuntu) terminal from scratch. Used HTML, Javascript, CSS, and InteractJS library.
- <https://github.com/mohsenari/linux-terminal-web-page>

Education

Master of Science in Computer Sciences

Calgary, Canada

UNIVERSITY OF CALGARY

Sep. 2014 - Dec. 2016

- Published a paper on Parallel HTTP for Video Streaming in Wireless Networks in IEEE MASCOTS 2016

Bachelor of Science in Information Technology engineering

Tehran, Iran

AMIRKABIR UNIVERSITY OF TECHNOLOGY

Sep. 2010 - Aug. 2014

- Passed **Data Mining**, **Engineering Economy**, **Software Project Management** and **Strategic Planning** as optional courses

Communication & leadership Skills

UofC Centre for international students and study abroad(CISSA)

Calgary, Canada

PEER HELPER VOLUNTEER

Sep. 2015 - PRESENT

- Provided information and help for international students and students interested in study abroad programs
- Attended training workshops in **leadership** and **communication**

International Conference on Computational Science and Its Applications (ICCSA)

Banff, Canada

EXECUTIVE TEAM

Jun. 2015

- Gained experience on **management**, **taking responsibility** and **critical thinking**
- Gained experience on **teamwork**, working with 10 other execs and conference chairs

Introduction to computer programming (Python)

Calgary, Canada

TEACHING ASSISTANT

Winter 2016 & Winter 2015

- Taught basic programming in Python in class, helped with assignment and exam markings
- Gained experience on **communication** and **public speaking**

Honors & Awards

SCHOLARSHIPS

2014-2016 **Graduate Assistantship Teaching award**,

Calgary, Canada

2015 **Computer Science department research award**, for outstanding research and graduate work

Calgary, Canada

2015 **Computer Science department international student bursary**, for outstanding international graduate student

Calgary, Canada

2014 **International graduate recruitment award**, for outstanding new-comer international graduate student

Calgary, Canada

COMPETITIONS

2014 **14th Place**, Rocky Mountains regional ACM-ICPC programming contest

Edmonton, Canada

2014 **9th Place**, Alberta Collegiate Programming Contest (ACPC)

Calgary, Canada

2013 **5th Place**, Amirkabir UT programming contest (Qualified for west Asia ACM-ICPC regional)

Tehran, Iran