Mohsen **Ansari**

(+1) 437 217 9087 | ✉ ansari.mohsen92@gmail.com | ⌂ www.mohsenansari.com | in ca.linkedin.com/in/mohsenansari

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

Consultant
Toronto, Canada
DELOITTE DIGITAL
Jul. 2018 - Now
- Developing front-end software using React, Redux, and ReduxForms
- Developing testing strategy and mobilizing test automation

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

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

Interior house designer web application
TEAM PROJECT

HTML, Javascript, css

Fall 2016
- Web application on customizing the interior components of a house. Joint project with the faculty of computational media design.
- http://mohsenansari.com/laneway

Linux terminal web page
INDIVIDUAL PROJECT

HTML, CSS, Javasctipt

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

Auction and Tender work-flow design and implementation on Processmaker
TEAM PROJECT

PHP, Javascript, MS-SQL

Oct. 2013 - Feb. 2014
- Team project, worked with 4 other people and a project manager

Education

Master of Science in Computer Sciences
UNIVERSITY OF CALGARY

Calgary, Canada

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
AMIRKABIR UNIVERSITY OF TECHNOLOGY

Tehran, Iran

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)
PEER HELPER VOLUNTEER

Calgary, Canada

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)
EXECUTIVE TEAM

Banff, Canada

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)
TEACHING ASSISTANT

Calgary, Canada

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**, Rockey 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*