

ARYAN ASADIAN

Oshawa, ON, Canada ◊ updated June 1, 2020

(+1)2896001850 ◊ aryan.asadian@ontariotechu.net ◊ ayanasadian.ir

EDUCATION

Ontario Tech University, Oshawa, ON, Canada *Fall 2019 - Present*
MSc. Computer Science *GPA: 4.18/4.33*
Supervisor :**Professor Amirali Salehi-Abari**

Islamic Azad University of Tehran-West Branch, Tehran, Iran *Fall 2011 - Fall 2015*
BSc. in Computer Engineering (Hardware) *GPA: 3.59/4*
Final project: Implementation and Designing a Wireless Sensor Network for record and report temperature based on GSM Network

RESEARCH

Research Assistant-Information Forensics and Security Lab. *September 2019 - Present*
Ontario Tech University, Oshawa, ON, Canada
Supervisor : Professor Amirali Salehi-Abari
Research areas : **Distributed deep learning, Large scale machine learning, Knowledge transfer, Optimization**

TEACHING

Teaching Assistant- IT Forensics *Winter 2020*
Ontario Tech University, Oshawa, ON, Canada
Supervisor :Professor Amirali Salehi-Abari
duties : running the lab sessions, including implementing forensic scenarios on various operating systems. Grading the assignments and exams.

Teaching Assistant- Discrete Mathematics *Fall 2019*
Ontario Tech University, Oshawa, ON, Canada
Supervisor : Professor Professor Hamed Pouya
duties : running the tutorial classes, answering student questions, grading the exams

Teaching Assistant- Computer Networks Lab. *Spring 2015*
Islamic Azad University of Tehran-West Branch, Tehran, Iran
duties : Helping Students to configure a Windows server-Based Network via simulators.

PRESENTATIONS

SCREEN: Stream Data Cleaning under Speed Constraints *October 2019*
Ontario Tech University, Oshawa, ON, Canada

KATARA:A Data Cleaning System Powered by Knowledge Base and Crowdsourcing
September 2019
Ontario Tech University, Oshawa, ON, Canada

Introduction to HYPERIC (A Network Monitoring Component)

April 2016

Islamic Azad University of Tehran-Central Branch, Tehran, Iran

Database Security (SQL-Injection and Its Solutions)

December 2014

Islamic Azad University of Tehran-West Branch, Tehran, Iran

PROFESSIONAL EXPERIENCE

Beytook

June 2018 - September 2019

Founder-Android Developer

Beytook is an online encyclopedia which is providing the biggest archive of Persian Poems for android devices.

MIBARIM Co.

April 2017 - June 2017

Tehran, Iran

Android Developer

Mibrima startup which is providing Online Car-Pooling service in Tehran, Iran

Freelancer

January 2017 - March 2017

Tehran, Iran

Android Developer

Noras A SMS messenger for Android devices

Mir Co.

June 2016 - December 2016

Tehran, Iran

Android Developer, Content Provider

Mabhas 19 Development of Native Android Application which provides the materials needed by Civil engineers in order to construct Energy-Saving Buildings.

Mapna Co.

June 2014 - September 2014

Tehran, Iran

Internship

1. Troubleshooting a large scale Windows-based internal network
2. Configuring new Network devices such as Cisco Routers
3. Preparing the staff Computers based on Company Protocol

CERTIFICATES

TensorFlow in Practice Specialization

2020

Coursera

Deep Learning Specialization

2020

Coursera

Graduate Record Examinations(GRE)

2018

GRE Score: 302 Verbal: 143 Quantitative: 159 Writing: 4.0

Test of English as a Foreign Language (TOEFL) TOEFL Score: 102 Reading:28 Listening: 25 Speaking: 24 Writing: 25	<i>2018</i>
Developing IOS Applications with Swift Tehran Institute of Technology, Tehran, Iran	<i>2017</i>
Android Development with Java Tehran Institute of Technology, Tehran, Iran	<i>2016</i>
SCJP Java Programming Essentials Tehran Institute of Technology, Tehran, Iran	<i>2015</i>
MCITP: Enterprise Desktop Administrator on Windows 7 Tehran Institute of Technology, Tehran, Iran	<i>2013</i>

SKILLS

Programming languages(Advanced)	Java, Python
Programming languages(Intermediate)	C++, GNU Octave
Programming languages(Basic)	Swift, R
Artificial intelligence tools & frameworks	Tensorflow(Intermediate), Keras(Intermediate)
Tools & softwares	MS Office(Advanced), Git(Intermediate),Latex(Advanced)
Operating systems	Mac, Windows, Linux(Intermediate)
Languages	Persian(Native) English(Fluent) , French (Beginner-A2)

INTERESTS

Artificial Intelligence
 Startups
 Cooking
 Photography
 Fitness

REFERENCES

Amirali Salehi-Abari, Assistant Professor(Supervisor)

Ontario tech University, Oshawa, ON,Canada

abari@uoit.ca

Peyman Babaei, Assoc. Professor

Islamic Azad University of Tehran-West Branch, Tehran, Iran

babaei.p@wtiau.ac.ir

Changiz Delara, Assoc. Professor

Islamic Azad University of Tehran-West Branch, Tehran, Iran

delara.c@wtiau.ac.ir

Ali Mansoor, Lecturer

Islamic Azad University of Tehran-West Branch, Tehran, Iran

mansoor.a@wtiau.ac.ir