

# Elijah Behizadi

Graduate Student, Concordia University

Software Designer and Developer

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## Personal

Full Name: Elijah (Hamid Reza) Behizadi

Gender: Male

Date of Birth: January 11, 1992

Place of Birth: Tehran, Iran

Citizenship: Persian

Marital Status: Single

## Summary

Over 7 years' experience in software development, analysis and design and studying in one of top rank universities of Iran. Favorite areas are machine vision, machine learning and game development from artificial intelligent and algorithms prospects.

## Education

### Master of Computer Science

Concordia University, Montreal, Quebec, Canada

Jan 2017 – Jan 2019

Focus on Computer Vision with deploying Machine Learning and Artificial Intelligence techniques

### Bachelor of Computer Software Engineering

Iran University of Science and Technology (IUST), Tehran, Iran

Sep 2010 – Oct 2015

Focus on Artificial Intelligence, Computer Vision and Game Development

### Mathematics and Physics Diploma

Ministry of Foreign Affairs (MFA) Educational Center, Tehran, Iran

Sep 2006 – Sep 2010

## Research Interests

- **Visual Computing**
  - Image and Video Processing, Augmented and Virtual Reality, Feature Extraction, Visual Recognition, Modeling and Rendering, Graphics
- **Artificial Intelligence**
  - Machine Learning, Machine Perception, Pattern Recognition, Algorithms
- **Big Data and Data Mining**
  - Systems, Warehousing, Visualizing, Learning Algorithms, , Recommendation Systems
- **Game Development**
  - Artificial Intelligence and Graphics in Games

## Honors

- Ranked %0.3 Among About 350,000 Competitors of National B.S. University Entrance Exam in Math and Physics, 2010
- Accepted into preliminary exams of Iranian mathematics Olympiad, Feb 2007 & 2008 & 2009
- Accepted into preliminary exams of Iranian physics Olympiad, Feb 2009

## Conference Participation

- Executive - Juror of the 7th Iranian Machine Vision and Image Processing Conference (MVIP 2011) August 2011 – November 2011

## Membership

- Vice President of Computer Engineering Dept. Student Scientific Chapter (CE SSC or CESA) September 2012 – September 2013
- Member of Ministry of Foreign Affairs Educational Center Programming ACM Team. (M'FAPT)

## Teaching Experiences

- Teaching Assistant of Prof. Adel Torkaman Rahmani, Advance Programming and Data Structure & Algorithms Courses September 2011 – September 2013
- Teaching Discrete Mathematics in MFA High School September 2010 – June 2015
- Data Structure, Algorithms and Artificial Intelligence tutoring to undergraduate students.

## Work Experience

### Data Scientist (Part-Time)

Chic Marie, Montreal, Quebec, Canada

Feb 2017 – Jan 2018

- Recommendation System

### Senior Software Developer (Full-Time)

Iran Software and Hardware Co. (Nosa), Pardis Tech-Park, Tehran, Iran

Aug 2015 – Sep 2016

- Nosa API
  - Design and Developing Programming Framework

### Programmer (Part-Time)

Iran Software and Hardware Co. (Nosa), Pardis Tech-Park, Tehran, Iran

Jul 2011 – Aug 2015

- Simorgh Project (Archive and Digital Library)
  - Design and Developing Simorgh Communication Server
  - Design and Developing Simorgh Optical Character Recognition (OCR) in Persian
  - Design and Developing Simorgh Enterprise Application Software (BPM, BI, CRM, ERP, MDM)

## Key Skills

### • Language

- English Professional Working Proficiency (IELTS Academic Band Score 7.0)
- French Limited Working Proficiency
- Persian (Farsi) Native Proficiency

### • Computer Programming

- C/C++ and Python Programming Languages
- Software Design and Development (UML, Software Design Patterns, Service-oriented Architecture, Object-oriented Techniques, Agile Development, Software Testing)
- Computer Vision (OpenCV, CUDA, PCL)
- Big Data and Data Mining (Pre-processing, Mining, Decision Making, Validation)
- Machine Learning and Pattern Recognition
- Unity, Unreal and Cocos Game Development Engine

## Extracurricular Activities

- Tar, Setar (Persian Musical Instruments) and Guitar Player Professional Working
- Basketball Player and Won 2 Silver and Bronze Medals In IUST Tournaments

## References

- Prof. Behrooz Minaei (Former CEO of Iran Computer and Video Games Foundation and Head of Software Group of Computer Science Dept. IUST) [b\\_minaei@iust.ac.ir](mailto:b_minaei@iust.ac.ir), +98 (21) 7322-5324
- Prof. Adel Torkaman Rahmani (Head of AI & Robotics Group of Computer Science Dept. IUST) [Rahmani@iust.ac.ir](mailto:Rahmani@iust.ac.ir), +98 (21) 7322-5324
- Mr. Mehrdad Momeni (Chairman and CTO of Iran Software and Hardware CO. (Nosa)), [Mehrdad@nosa.com](mailto:Mehrdad@nosa.com), +98 (912) 114-5769