

# Seyed Adel Ghaeinian

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## EDUCATION

**Bachelor of Computer Science**, Amirkabir university of technology (Tehran polytechnic)

- **Cumulative GPA** (via 125 passed units): **(3.77 / 4)**
- Selected courses<sup>1</sup> **GPA**: **(4 / 4)**

2015 – Now

### **Diploma of Mathematics and Physics**

Shahid Ezhei Esfahan (National organization for the development of exceptional talents - NODET)

2011 – 2015

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## RESEARCH INTERESTS

- Human computer interaction
- User experience designing (UX)
- Vision and image processing
- Artificial intelligence

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## RESEARCH PAPERS

- Mohammad Almasi, Hemed Fathi, Seyed Adel Ghaeinian, Samaneh Samiee. **Analyzing human motion recognition from first person POV, case study two basic tasks** (In progress).

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## SELECTED ACADEMIC PROJECTS

### **- Digital design automation (FPGA)**

VHDL implementing of language classifier ([view on Github](#))  
Application of FPGA in the implementation of neural networks and deep learning

Jan 2019 - Jun 2019

### **- Artificial intelligence and expert systems**

Implementing simulated annealing, hill climbing, genetic algorithms and solving some questions with them\_ ([view on Github](#))

Jan 2018 - Jun 2018

### **-Electrical and electronic circuits**

Calculating impedance equivalent and tracing the behavior of the given circuit, DC/AC sweep analysis, Calculating Thévenin equivalent using Orcad

Sep 2018 - Jan 2019

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<sup>1</sup> Selected courses: Artificial intelligence, Algorithm design, Data structure, Advanced programming

**-Internet engineering**

Developing an online gaming website  
Website developed with MEAN (MongoDB, Express, Angular, NodeJS)

Sep 2018 - Jan 2019

**-Principles of database design**

Designing online shopping ERD and SQL database,  
Working with MYSQL and writing pertinent queries

Sep 2017 - Jan 2018

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**TECHNICAL SKILLS****Programming languages**

Python, Java, C/C++, SQL  
Node.JS, AngularJS, PHP  
VHDL (hardware description language)

**Designing skills**

Adobe Photoshop, Adobe illustrator  
Adobe experience designer, Adobe after effect  
Sketch, HTML5/CSS

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**INTERNSHIP****Rahnema College**

UI/UX designing internship  
What I have learned:

In this two month internship, I have learned the way that one application is produced, What are requirements and how to do requirement gathering.

I have also become familiar with lots of UX topics such as gamification and prototyping.  
Our team designed user experience and user interface of an application called Denj.

JUN 2018 - JUL 2018

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**WORK EXPERIENCES****Designs portfolio:**

Dribbble account: ([view on Dribbble](#))

**Co-Founder of:**

MyBarber application ([view on Instagram](#))

**Android applications:**

Sa'at sheni ([view on Cafebazzar](#))

Ketabche 504 ([view on Cafebazzar](#))

Instagrab ([view on Cafebazzar](#))

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**LANGUAGE SKILLS**

**Persian** (native)

**English** (TOEFL Score: 93 / R:24 L:26 S:21 W:22)

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