Seyed Adel **Ghaeinian**

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EDUCATION

Bachelor Degree of Computer Science, Amirkabir University of Technology (Tehran Polytechnic)
(Ranked 301-400 globally by the subject of Computer Sc. - Eng.)

- **Cumulative GPA** (via 125 passed units): (**3.77** / 4)
- Last 4 semester's **GPA**: (**3.8** / 4)
- Selected courses[1] **GPA**: (**4** / 4)

2015 – now

High School, Field of Mathematics & Physics
Shahid Ezhei Esfahan (National Organization for Development of Exceptional Talents - NODET)

2011 – 2015

RESEARCH INTERESTS

- Vision & Image processing
- Artificial Intelligence & Deep learning
- User Experience designing (UX) & Human interaction
- Human action recognition

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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[1] Selected Courses: Artificial intelligence, Algorithm design, Data structure, Advanced programming

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 & 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 given circuit, DC/AC Sweep Analysis, Calculating Thévenin equivalent using Orcad

Sep 2018 - Jan 2019

-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 write pertinent queries

Sep 2017 - Jan 2018

TECHNICAL SKILLS

Programming Languages
- Java, C/C++, Python, SQL
- Node.JS, AngularJS, PHP
- VHDL (Hardware Description Language)

Designing Skills
- Adobe Photoshop, Adobe Illustrator
- Adobe Experience Designer, Adobe After Effect
- Sketch, HTML5/CSS

INTERNSHIP

Rahnema College

UI/UX Designing Internship
What I've learned:

In this two month internship, I've learned the way that one application is produced, What are requirements and how to do **Requirement Gathering**.

I've also become familiar with lots of UX topics such as **Gamification** and **Prototyping.**
Our team in this internship Designed user experience and user interface of an application called Denj.

JUN 2018 - JUL 2018

WORK EXPERIENCES

- **Designs Portfolio:**
  Dribbble Account: (View on Dribbble)

- **Co-Founder of:**
  My Barber Application (View on Instagram)

- **Android Applications:**
  Sa'at Sheni (View on Cafebazzar)

  Ketabche 504 (View on Cafebazzar)

  Instagrab (View on Cafebazzar)

Language Skills

Persian
- native language

English
- Toefl iBT test will be taken on Nov. 9th