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[1] **GPA**: (**4** / 4)

2015 – Now

Diploma of Mathematics and Physics
Shahid Ezhei Esfahan (National organization for the development of exceptional talents - NODET)

2011 – 2015

RESEARCH INTERESTS

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

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).

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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[1] 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

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

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

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)

LANGUAGE SKILLS

Persian (native)

English (Toefl iBT will be taken Nov. 9th)