

Seyed Adel Ghaeinian

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EDUCATION

Bachelor Degree of Computer Science, Amirkabir
University of Technology (Tehran Polytechnic)
[\(Ranked 184 globally by the subject of Computer Science\)](#)

- **Cumulative GPA** (via 125 passed units): **(3.77 / 4)**
- Last 4 semester's **GPA**: **(3.8 / 4)**
- Selected courses¹ **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
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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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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
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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
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