



[Shayestehaz.fa@gmail.com](mailto:Shayestehaz.fa@gmail.com)



<https://fazixa.github.io>

# Faezeh Shayesteh

## EDUCATION

2016 - present  
Mashhad, Iran

### B. SC. IN COMPUTER ENGINEERING FERDOWSI UNIVERSITY OF MASHHAD

- GPA : 16.91 / 20 (3.4 in 4.0 scale) (139 units passed)
- Last year GPA : 19.04 / 20 (4 in 4.0 scale)

#### SELECTED COURSES

Course	mark	instructor
Computer Vision	20/20	Dr. Taherinia
Fundamentals of Data Mining	20/20	Dr. Behkamal
Object Oriented Design	20/20	Dr. Rasoolzadegan
Software Engineering	20/20	Dr. Araban
Internet Engineering	20/20	Dr. Mohajerzade
Fundamentals of Information Security	20/20	Dr. Amintoosi
Probability and statistics	20/20	Dr. Mohammadi
Database Design	19.8/20	Dr. Behkamal
Methods in Research and presentation	19.27	Dr. Sedaghat
Software Testing	18.9/20	Dr. Paydar
Compiler Design	18.8/20	Dr. Amintoosi
Artificial Intelligence & Expert System	17.5/20	Dr. Abrishami
Computer Networks	16.5	Dr. Mohajerzade
Principles of Computational Intelligence	16.25	Dr. Fazl
Database Laboratory	20/20	Dr. Ahangari
Operating Systems Laboratory	18.5/20	Dr. Akhoondzade

2009 - 2016  
Mashhad, Iran

### B. SC. IN COMPUTER ENGINEERING

#### NODET(NATIONAL ORGANIZATION FOR DEVELOPMENT OF EXCEPTIONAL TALENTS)

- Total GPA : 19.4 out of 20

## RESEARCH INTERESTS

- Human-Computer Interaction
- Computer Graphics
- Computer Vision
- Applied Machine Learning and Artificial Intelligence
- Game Development and related technologies: VR, AR
- Computational media
- Software Engineering

## SELECTED PROJECTS

2018  
NASA Scape Challenge  
USA

### NO\_FIRE

#### DESIGNER, DEVELOPER

No\_Fire is an interactive service built under Dr.Pourreza's supervision. Its main purpose is to predict and estimate the probability of fire existence in a worldwide scale by image and text processing on social media. It also analyzes tweets using Natural Language Processing techniques and employs NASA APIs to alarm the people near the incident.

Jun 2018 - May 2018  
FUM, Mashhad, Iran

### FUMEVENT (START-UP PROJECT)

#### SOFTWARE ENGINEER

- This project aimed to facilitate holding events inside the Ferdowsi University by letting organizers log their events and enabling users to buy tickets online.

Dec 2019 – Mar 2020  
Mashhad, Iran

### VIVIFIED DRAWINGS

#### DEVELOPER

- Designed a system that creates a real-time 3D scene using objects synthesized from simple paper drawings and sketches using image processing techniques.

Fall 2019 – Present  
Mashhad, Iran

### COMPILER DESIGN COURSE PROJECT GUIDELINE

#### DEVELOPER

- Working as a teacher assistant, I worked on an approach to facilitate computer science education and designed a guideline for compiler design course project which was then employed on other courses.

Jun 2020 – Present  
Mashhad, Iran

### INTERACTIVE ART

#### DEVELOPER

- Converting a static image to interactive one in a way that they can be seen from any angle using image processing and 3d frameworks.

Sep 2020 – Present  
Mashhad, Iran

### MAKEUP MIRROR

#### DEVELOPER

- With Corona Virus turning into pandemic cosmetic shops are no longer allowed to provide customers testers. This system is now being developed under Dr.Pourreza's supervision to enable customers to scan the barcode of their desired makeup product and try it on virtually with the help of augmented reality and image processing. (This project has been invested by an Iranian-Canadian company)

Apr 2021  
Azure AI Hackathon

### BETTER EXAM

#### DEVELOPER

- Better Exam is a service that makes it easier for students who are visually impaired to take an exam. The core functionality of this service is built on Azure Cognitive Speech Services. [Link](#)

## WORK EXPERIENCE

Jul 2019 - Oct 2019

Part Software Group,  
Mashhad, Iran

### TO-DO WEB APPLICATION

#### FULL STACK WEB DEVELOPER, DESIGNER

- Through a 3-month Internship program in Part Software Group, I worked in a group to develop a to-do list web app. This project was then selected as the best group project. [Demo](#)

Oct 2019 - Dec 2019

Part Software Group,  
Mashhad, Iran

### SIGNAL FINANCIAL

#### FRONTEND DEVELOPER

- After My Internship in Part Software Group I got hired for a part time job as a frontend developer where I worked on one of the Persian exchange organization's websites. [Link](#)

Jun 2019 – Aug 2020

Ludaron Game Studio,  
Mashhad, Iran

### TOOPEL GAME

#### DESIGNER, ARTIST

- Working in Ludaron Game Studio, a group of two, we made a hyper-casual game targeted for android systems. This game is now published on Cafe Bazaar Android Market. [Link](#)

## TEACHING EXPERIENCE

FUM, Mashhad, Iran

Fall 2020

### TEACHING ASSISTANT

#### FOR MASTER STUDENTS

- Object-Oriented Design (Dr. Rasoolzadegan)

#### FOR BACHELOR STUDENTS

- Compiler Design (Dr. Amintoosi)
- Database Design (Dr. Behkamal)
- Data Mining

Winter 2019 – Fall 2020

Winter 2019

Winter 2021

## TECHNICAL SKILLS

Programming Languages

Markup Languages

Database

Software Development

Technologies & Frameworks

Other

Python, JavaScript, NodeJS, MATLAB, Java, familiar with PHP, C/C++

HTML5, CSS, Sass

MySQL, PostgreSQL

Rational Unified Process (RUP), UML

Unity, JUnit, Adobe Photoshop, Adobe Illustration, Aurelia, Bootstrap, WordPress, P5js, ML5js,

Three.js, TensorFlow, OpenCV, Dlib

Git, Familiar with Docker

## LANGUAGE PROFICIENCY

- Native in Persian
- Fluent in English with band score 125 in Duolingo

## EXTRACURRICULAR ACTIVITIES AND AFFILIATIONS

2015 - Present

### DIGITAL ARTIST

- I've been doing traditional drawings since my childhood and won several art competitions. I've focused on digital Art for 5 years now and have been looking for ways to integrate my two passions, art and technology. You can find my art resume on [ArtStation.](#)

Aug 2017 - Present

### FUM VIDEO GAME SOCIETY

#### MEMBER, ARTIST

- Worked as a 2d artist in an indie game studio
- I have been a member of this society and participated in events such as FUM Game Discussion

Dec 2017 - Present

### FUMLUG SOCIETY

#### ART DIRECTOR

- Assisted the Open Source society at Ferdowsi University of Mashhad as an art director to hold annual gatherings in order.

Dec 2017 - Present

### FUM COMPUTER SOCIETY

#### MEMBER, CARICATURIST

- Assisted the computer society at Ferdowsi University of Mashhad to hold FCPC and ACM programming competitions.
- Created some caricatures in ALT\_f9 publication which is associated with the computer society of Ferdowsi University.

Jun 2018 - Present

### HESE HAFTOM CHARITY GROUP

#### VOLUNTEER

- Spent my summers teaching elementary courses to disadvantaged children who couldn't afford supplementary classes

## REFERENCES

- **Dr. Haleh Amintoosi** [[amintoosi@um.ac.ir](mailto:amintoosi@um.ac.ir)]
- **Dr. Behshid Behkamal** [[behkamal@um.ac.ir](mailto:behkamal@um.ac.ir)]
- **Dr. Abbas Rasoolzadegan** [[rasoolzadegan@um.ac.ir](mailto:rasoolzadegan@um.ac.ir)]