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Faezeh Shayesteh

Education

2016–2021	**Bachelors of Computer Engineering:**- *Ferdowsi University of Mashhad, Iran* GPA – 16.91/20 (3.4/4), Last Year GPA – 19/20 (4/4)
2009–2016	**Diploma in Mathematics and Physics:**- *Farzanegan High School - Nodet (Mashhad, Iran)* National Organization for Development of Exceptional Talent GPA 19.4/20

Research Interests

Human-Computer Interaction, Game Development and Related Technologies (AR/VR), Applied ML and AI, Computer Graphics, Computer Vision, Software Engineering

Skills

Languages	Python, JavaScript, NodeJS, Java, MATLAB, HTML/CSS Familiar with C/C++, C#, PHP
Libraries	P5.js, ML5.js, Three.js, OpenCV, Dlib, Scikit-Learn, Tensorflow, Numpy
Intermediate	Selenium, Junit, Vue, Aurelia, Bootstrap, Sass, Wordpress, LaTeX
Software	Unity, Adobe Photoshop, Adobe Illustration, Blender
DataBases	MySQL, MongoDB, PostreSQL
Tools	Git VSC, Familiar with Docker
Software Development	Rational Unified Process (RUP),Unified Modeling Language (UML), Participatory Design
Spoken Languages	Persian (Native), English (Fluent - band score 125 on Duolingo exam)

Work Experience

Sep 2020 - Present	**Veerasense Organization:** Developer Working under the supervision of Dr.Pourreza and collaboration with Veerasense Organization I developed an AR virtual Mirror helping cosmetic customers try makeup products real-time virtually.
Jun 2019 - Aug 2020	**Ludaron Game Studio:** Game Designer, Artist Working in Ludaron Game Studio, we developed Toopel Game, a hyper-casual game targeted for android systems. This game is now published on CafeBazaar Android Market.
Oct 2019 - Dec 2019	**Part Software Group:** Front-end Developer After My Internship at Part Software Group, I got hired for a part time job as a front-end developer where I worked on authentication process of Sejam website (an Iranian stock exchange system).
Jul 2019 - Oct 2019	**Part Software Group:** Full Stack Developer 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 the n selected as the best group project.

Selected Projects

Apr 2021	**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.

Jun 2020 - Present	**Interactive Art:** Developer, Artist As a way to integrate my two passions, art and developing, I am working on an interactive art using Three.js to make a 3d scene and convert my art to an interactive one in a way that they can be seen from any angle using user gestures
Fall 2019 - Fall 2021	**Compiler Design Course Project Guideline:** Developer, Instructor Working under supervision of Dr. Amintoosi, 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.
Dec 2019 - Mar 2020	**Vivified Drawings:** Developer Vivified Drawings is a system that creates a real-time 3D scene using objects synthesized from simple paper drawings and sketches using image processing techniques.
Jan 2019 - Jun 2019	**MusicNet:** Developer MusicNet is a computer musical composition system. Using Machine learning techniques a model is trained to generate the next chord sequence of given an input chord.
Oct 2018	**No-Fire:** Developer, Designer 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.

Teaching Experience:

Teacher Assistant:

For Master Students

Fall 2020	Object-Oriented Design (Dr. A Rasoolzadegan)

For Bachelor Students

Winter 2021	Data Mining (Dr. B Behkamal)
Winter 2019	Database Design (Dr. B Behkamal)
Winter 2019 - Fall 2020	Compiler Design (Dr. A Amintoosi)

Extracurricular Activities and Affiliations

2018 - present	**Hesse Haftom Charity Group** *Volunteer Teacher*
2017 - present	**FUM Video Game Society** *Member, Artist*
2017 - present	**FUM Linux User Group** *Member, Art Director*
2017 - present	**FUM Computer Society** *Member, Journalist*
2014 - present	**Digital Artist** My artworks on Artstation

References

Dr. H Amintoosi Assistant Professor in Computer Engineering, Ferdowsi University of Mashhad, Iran amintoosi@um.ac.ir

Dr. B Behkamal Assistant Professor in Computer Engineering, Ferdowsi University of Mashhad, Iran behkamal@um.ac.ir

Dr. A Rasoolzadegan Associate Professor in Computer Engineering, Ferdowsi University of Mashhad, Iran rasoolzadegan@um.ac.ir

Dr. H Pourreza Professor in Computer Engineering, Ferdowsi University of Mashhad, Iran hpourreza@um.ac.ir