

## Education

- 2016–2021 **Bachelors of Computer Engineering:-** *Ferdowsi University of Mashhad, Iran*  
GPA – 16.98/20 (3.4/4)
- 2009–2016 **Diploma in Mathematics and Physics:-** *Farzanegan High School - Nodet (Mashhad, Iran)*  
National Organization for Development of Exceptional Talent  
GPA 19.4/20

## Skills

Programming Languages	Python, JavaScript, NodeJS, Flask, Java, MATLAB, HTML/CSS Familiar with C/C++, C#, PHP
Programming Libraries	P5.js, ML5.js, Three.js, OpenCV, Dlib, Scikit-Learn, Tensorflow, Numpy
Intermediate	Selenium, Junit, Vue, Aurelia, Bootstrap, Sass, Wordpress, $\text{\LaTeX}$
DataBases	MySQL, MongoDB, PostgreSQL
Tools	Git VCS, Familiar with Docker
Software	Adobe Photoshop, Adobe Illustration, Procreate, Blender, Familiar with Unity
Visual Arts	Digital Painting, Character Design, Concept Art
Spoken Languages	Persian (Native), English (Fluent - band score 125 on Duolingo exam)

## Work Experience

- Oct 2021 - Present **Neuroscience Department of University of Lethbridge:** Designer, Developer  
I cooperated actively in the design and development of the Neurocage Website which is a system designed to monitor rodent cages.
- Sep 2020 - Mar 2021 **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

- Oct 2021 **Dana:** Character Designer  
Designed a mascot character for a startup project as a freelancer
- 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.

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## 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)

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## Extracurricular Activities and Affiliations

- 2022 - present **Animal Shelter of Lethbridge** *Volunteer Caretaker*
- 2018 - 2021 **Hesse Haftom Charity Group** *Volunteer Teacher*
- 2017 - 2021 **FUM Video Game Society** *Member, Artist*
- 2017 - 2021 **FUM Linux User Group** *Member, Art Director*
- 2017 - 2021 **FUM Computer Society** *Member, Journalist*
- 2014 - present **Digital Artist**  
My artworks on [Artstation](#)

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## References

**Dr. H Amintoosi** Assistant Professor in Computer Engineering, Ferdowsi University of Mashhad, Iran [amintoosi@um.ac.ir](mailto:amintoosi@um.ac.ir)

**Dr. B Behkamal** Assistant Professor in Computer Engineering, Ferdowsi University of Mashhad, Iran [behkamal@um.ac.ir](mailto:behkamal@um.ac.ir)

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