

MOHSEN AMELI GHOUCHAN ATIGH

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EDUCATION

York University

Sep. 2022 - Present

Honours of Bachelors of Computer Science

Relevant Courses: Python, Java Object Oriented Programming

GPA: 8/9

EXPERIENCE

ZarathusTrust: A Banking System Demo

Feb. 2021 - July 2022

- Worked with a client to develop this application.
- Communicated regularly with the client to discuss features, updates, and changes to the project.
- Built interactive front-end with React, GSAP, Bootstrap, and used Django, PostgreSQL for back-end.
- Translated the app to Persian and German and allowed users to switch languages using i18Nexus API.
- Hosted on Railway (front and back end).

Private Java Tutor

Sep. 2022 - Present

- Taught High School level Java to Grade 11 and 12 students.

PROJECTS

3D Backgammon: Online Multiplayer Game

- Utilized Blender to create intricate models of both the backgammon board and the dice.
- Implemented Next.js, React-Three-Fiber, and React-Three-Rapier to build an interactive 3D page.
- Built the back-end using Django, Django Channels, Django REST Framework, PostgreSQL, and Redis.
- Used the Zustand state management library with Web Sockets to make a multiplayer online game.
- Created a social networking system that allows users to chat, add, delete, and play games with friends.
- Designed GSAP and Framer Motion to add animations, and Tailwind CSS to style the website.
- Hosted on Vercel (front-end) and Railway (back-end).

PlateMate: UofT Hackathon Winner

- Created a web application with React, Express, Tailwind CSS, co:here, and Google Maps API.
- Achieved third place in the co:here prices.

Disney Clone

- Used Next.js to build a clone for the Disney+ website.
- Configured Firebase for the back-end and Tailwind CSS for styling.

My Room in 3D

- Used Blender to make the models and React-Three-Fiber to make the web experience.

SKILLS

Computer Languages

Python, JavaScript, TypeScript, Java, Bash, GLSL

Tools & Frameworks

Django, React, Three.js, Blender, GSAP, Framer Motion, Next.js, Jupiter Notebook, Torch, PostgreSQL, HTML, CSS, Tailwind CSS, Bootstrap, GitHub, Latex.