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 family member as 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 React-Three-Fiber and React-Three-Rapier to build an interactive 3D page.
· Built the back-end using Django, Django Channels, PostgreSQL, and Redis.
· Used React's state management solutions 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, and co:here.
· 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.