KOUSHA AMOUZESH

Vancouver, BC | 604-782-2974 | kousha_amouzesh@sfu.ca | **Portfolio** | **Linkedin** | **GitHub**

Skills

Technical Skills
- **Languages**: Java, JavaScript, Python, C++, C, HTML, CSS, SQL, C#, R, TypeScript, Assembly X86-64
- **Libraries/Tools:** Git, Node.js, React.js, Next.js Tailwind, EJS, PyTorch, TensorFlow, Firebase, APIs

Soft Skills
- Teamwork, leadership, planning, public-speaking, communication, agile development, Fluent in Farsi

Projects

Party-Nav Website (JavaScript, React.js, Node.js, Firebase, Google Cloud)   (June 2023-July 2023)
- Developed a comprehensive website using React and Node.js, enabling users to discover party announcements in the Vancouver area
- Designed an event database with Firebase to display information about events and locations on the map
- Built an online chatroom managed by firebase database for users to communicate in real-time about events
- Integrated Google Map's API to provide visual navigation display for each event saved on the database

Job Seeking Website (Firebase, Google Cloud GC, JavaScript, EJS, Web APIs)   (February 2023 – March 2023)
- Built a search page for users to browse their desired jobs at their location using Google Jobs API
- Made a Real-time Firebase Google Cloud Database for Users to login and save their desire jobs which enables access to the job information by logging into their accounts
- Implemented a search tool with Node.js and EJS for users to discover other people and visit their page with includes their desired jobs, profession, and location

Multilingual Word Sudoku Android App (Java, Android Studio, Git, Unit Testing)   (January 2023-March 2023)
- Created a UML diagram to propose the design of the backend and the front end of the mobile application
- Developed Java OOP backend for game, featuring word puzzle generation and word database construction
- Led 4-member team as Scrum Master, planning features in Gitlab to follow an agile development process
- Conducted tests with JUnit for both models and the Android frontend to assess every user story

Handwritten Digit Predictor (Python, Pandas, Pytorch, ReactJS, JavaScript)   (December 2022-Febraury 2023)
- Designed a CNN model using PyTorch to predict handwritten digits from images
- Transformed raw Images into normalized distribution of tensors to improve the model performance
- Achieved 90% accuracy in the training with the dataset using data augmentation technique
- Used React.js and ONNX.js to create a web interface with a drawable canvas for user predictions

Experience

Server   (November 2022-October 2022)
Hycroft Manor
- Provided dinner service to the guests and planned for upcoming events with the catering team
- Led the new staff for organizing furniture and communicated with caterers for the event requirements

Digital Marketing Volunteer Assistant   (January 2021 - May 2021; August 2019- September 2019)
Kits On Broadway
- Organized the spreadsheet containing the discounts and offers from businesses registered in the organization
- Created a proposal planning the development of a forthcoming mobile application for the business
- Reported business promotion mobile app bugs to the development team

Education

Bachelor of Science in Computer Science   (January 2023 - present)
- Simon Fraser University

Candidate for Bachelor of Science in Mathematics   (September 2021- December 2022)
- University of British Columbia

Accomplishments

- UBC Dean's Honor List for 2021-2022 Academic year
- BC District Scholarship for academic performance and community engagement 2021
- 2021 Newcomer Scholarship for students with high academic performance and community involvement