KOUSHA AMOUZESH

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Education

Bachelor of Science in Computer Science   (January 2023 - present)
  Simon Fraser University
  GPA: 3.92/ 4.33 (A)

Candidate for Bachelor of Science in Mathematics   (September 2021- December 2023)
  University of British Columbia
  GPA: 3.7/4.33 (A-)

Skills

Technical Skills
- **Languages**: Java, Python, C++, C, JavaScript, HTML, CSS, SQL, C#, R
- **Frameworks & Tools:** Git, Node.js, React.js, Next.js, EJS, PyTorch, TensorFlow, Google Cloud, Firebase, APIs

Soft Skills
- Teamwork, leadership, planning, public-speaking, communication, agile development
- **Fluency:** Farsi, English

Projects

Job Seeking Website (Firebase, Google Cloud GC, JavaScript, EJS, Web APIs)   (January 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 for users to discover other people and visit their page with includes their desired jobs, profession and location.

Weather Prediction Website (React.js, API**)**   (November 2022-October 2022)
- Implemented a static website to allow users to search a city for their current weather status and the upcoming days of the week.
- Developed a JavaScript backend to fetch the JSON formatted Data from the server and store them into a well-organized data structure.
- Used React.js propping techniques to reduce the code volume and showcase each element of the weather info.

Path Finding Algorithm (C++, Data Structures, Unit Testing)   (November 2022-October 2022)
- Utilized a path finding algorithm for finding path between two points based on the input image.
- Used object-oriented programming to design the PNG model which converted individual pixels of the input image for processing and drawing the shortest path on the output image.
- Designed test cases for the algorithm that uses structures such as linked-lists, stacks, queues.

Survey Manager (Java OOP, Unit Testing)   (January 2022-March 2022)
- Built a Full-Stack application with JFrame frontend which enabled users to log into their account to create their public surveys, view their results, and delete them.
- Implemented a model for saving/ reading individual surveys which were written into a JSON file.
- Achieved a 100% converge in unit testing every class within the project.

Experience

Server
Hycroft Manor   (November 2022-October 2022)
- Provided dinner service to the guests and planned for upcoming events with the catering team.
- Trained new staff for organizing equipment for food service and planning for future events.

Digital Marketing Volunteer Assistant
Kits On Broadway   (January 2021 - May 2021; August 2019- September 2019)
- Updated the spreadsheet about the product discounts of businesses registered in the organization.
- Created a proposal outlining the development of a forthcoming mobile application for the organization.
- Addressed the bugs in the mobile application used for promotional purposes with development team.

Accomplishments

- UBC Dean's Honor List for 2021-2022 Academic year. [OBJ]
- BC District Scholarship for academic performance and community engagement 2021
- 2021 Newcomer Scholarship for new students with high academic performance and community involvement to Canada