Yasser Sanobar

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UBC Science Co-op

Education

University of British Columbia   Vancouver,BC
B.Sc. in Computer Science   Expected May 2024
- Full scholarship awarded by World University Services of Canada (WUSC)

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, Java, Python, C/C++
Framework: React, NodeJS, Express, ASP.NET Core, Mongoose, FastAPI
Testing: JUnit, GDB, TDD, chai-as-promised

Technical Projects

QuantReady
- Developed "QuantReady," a **React-based** web application tailored for interview preparation for quant positions
- Led the front-end development using **React Hooks**, **JSX**, and CSS, resulting in an engaging and responsive user interface
- Integrated **MongoDB** as the database to store user information, ensuring secure data management for the application
- Created **API endpoints** for user data, enabling seamless communication between the front-end and back-end
- Collaborated with team members to design and deploy the application, ensuring a robust final product for users
- Conducted rigorous testing and debugging using Jest and react-testing-library, guaranteeing high-quality performance and a bug-free experience for users.

InsightUBC query engine
- Built a web application using **TypeScript**, that allows a user to query courses and rooms according to specified criteria
- Developed an extensive test suite utilizing **Mocha/Chai** to test the front-end and back-end of the project
- Handled async. requests with promises, using tree-walking algorithms to filter course and room data with logic
- Programmed an engine to parse queries from a DOC interface into a **JSON** object, **RESTify** to send to server for processing end result, via **HTTPS** request and return result for displaying on a webpage

Shopping Cart Simulator
- Built an app using **Java** simulating an online shopping cart
- Developed an extensive test suite using **JUnit** to make sure the app was running according to the specs
- Designed a simple UI using **Java Swing** to visualize using the shopping cart

Experience

Data Analyst   January 2023 – Present
Youthful Cities   Vancouver, BC
- Worked on the Urban Work Index, a ranking for 30 Canadian cities
- Completed data collection in various fields in a timely manner through Google searching and data scrapping
- Used statistical software such as R to analyze and visualize data
- Created Python scripts to score affordability in each city
- Lead spokesperson for the index

Associate Product Manager   January 2023 – June 2023
Zenshop   Vancouver, BC
- Developed and launched Coding in Color, an online Canvas-based course for disadvantaged refugee youth that teaches essential Blockchain & AI skills
- Researched marketing strategies to promote the course

Cultural Ambassador   June 2019 – August 2019
UBC Vancouver Summer Program   Vancouver, BC
- Planned and organized engaging leisure and academic activities for the exchange students
- Honed my cultural awareness by working with co-workers and students from different backgrounds

Supervisor   October 2016 – January 2018
Kiwi Restaurant   Amman, Jordan
- Supervised a team of 10 employees
- Resolved customer complaints and Ensured high-quality customer service and satisfaction in a fast-paced environment
- Monitored inventory levels and ordered supplies as needed

Events Volunteer   July 2016 – August 2018
STEPS Organization   Amman, Jordan
- Prepared, packaged, and distributed supplies in refugee camps
- Constructed 7 small libraries for disadvantaged people in small towns and schools