Arman Moztarzadeh

📞 +1 (778) 953-6129 | ✉ armanmoztar@outlook.com | 💼 in/arman-moztarzadeh | 🐙 armanmoztar

EDUCATION

University of British Columbia   Vancouver, BC
Faculty of Science - BSc Mathematics   09/2020 – EXPECTED: 04/2024
- Beedie Luminaries Scholarship Recipient
- Relevant Courses: Software Construction, Introduction to Computer Systems, Basic Algorithms and Data Structures

SKILLS & LANGUAGES

- **Programming Languages**: JavaScript, Java, Python, HTML/CSS, C/C++, Assembly, R
- **Tools & Frameworks**: React.js, Node, Express.js, JUnit, Git, MongoDB, Linux, Microsoft Azure
- **Languages**: English, Persian, French, Spanish

PROFESSIONAL EXPERIENCE

Software Engineering Intern   Vancouver, BC
Porton Health   09/2022 – Current
- Scheduled for a 4-month internship at Porton Health on the Development Team

Part-Time Web Developer   Vancouver, BC
3BA Printing   01/2022 – 06/2022
- Developed a scalable online store to allow clients to contact, view products, and access services for **780+** customers
- Utilized external software to create a backend to store client details and used JavaScript & HTML/CSS to design an interactive user front-end
- Helped in manufacturing and designing a biotechnology product with engineers and executives to eliminate needle-stick injuries in healthcare

TECHNICAL PROJECTS

Piano Tracker {MongoDB, Express, JavaScript, HTML/CSS, React.js, Node} | Repo   07/2022
- Created database using MongoDB and a database schema (i.e., User, Piano Session) using Mongoose
- Added API endpoints to the server to handle incoming HTTP GET or POST requests for users and piano sessions
- Utilized React routers to allow changes in browser URL and created React components to handle events
- Installed Axios library to send HTTP requests to the backend allowing the creation of new users and piano sessions in the database

Online Transaction Platform {JavaScript, Node.js, Socket.io, HTML/CSS} | Repo   02/2022
- A web application for users to process secure transactions in cryptocurrencies that won **1st** place out of **86** teams in StormHacks 2022 for the category: Best Blockchain Project Using Hedera
- Spearheaded front-end design and user interaction features such as the chat function with JavaScript and HTML/CSS knowledge
- Utilized Socket IO library to connect with Hedera allowing users to communicate with buyers and sellers
- Project was displayed and shared within the StormHacks community of **500+** hackers

Task Organizer {Java, Java Swing, JSON, JUnit} | Repo   09/2021 – 12/2021
- Developed functionality for a To-Do List in Java with Object-Oriented Programming knowledge such as data abstraction, inheritance, and encapsulation
- Wrote **unit tests** for task and task list functions ensuring all possible cases were covered using JUnit
- Utilized JSON for data persistence for tasks and implemented read/write operations to and from files
- Implemented GUI containing graphics, mouse click events, and text fields with Java Swing