

Arman Moztarzadeh

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EDUCATION

University of British Columbia

Sep 2020 – EXPECTED: May 2024

Bachelor of Science in Mathematics

Vancouver, BC

- Beedie Luminaries Scholarship Recipient
- Courses: Software Construction, Introduction to Computer Systems, Basic Algorithms and Data Structures, Computer Hardware and Operating Systems, Introduction to Data Science

SKILLS & LANGUAGES

- **Programming Languages:** JavaScript, Java, Python, HTML/CSS, C/C++, R, Assembly
- **Frameworks & Libraries:** React.js, Node, Express, JUnit, Git, MongoDB, OpenCV, Numpy, Pandas
- **Others:** Linux, Azure, WordPress

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Sep 2022 – Present

Porton Health

Vancouver, BC

- Working on adding new functionalities and features to existing applications using JavaScript, Node.js, and AWS
- Tested, debugged, and documented workflow for over **35** components using JavaScript and MongoDB
- Actively participate in Scrum meetings with upper-management and Agile team members

Front-end Web Developer

Jan 2022 – June 2022

3BA Printing

Vancouver, BC

- Developed a scalable online store to allow clients to contact, view products, and access services, improving website engagement by **78%**
- Utilized external software to create a backend to store client details and used JavaScript & HTML/CSS to design an interactive user front-end
- Implemented a more responsive tab view template with over **10** times faster load time on **3** web pages

TECHNICAL PROJECTS

Piano Tracker {MongoDB, Express, JavaScript, HTML/CSS, React.js, Node} | [Repo](#)

July 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](#)

Feb 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
- Project was displayed and shared within the StormHacks community of **500+** hackers

Task Organizer {Java, Java Swing, JSON, JUnit} | [Repo](#)

Sep 2021 – Dec 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