

Arman Moztarzadeh

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EDUCATION

The University of British Columbia

Sep 2020 – Apr 2024

Faculty of Science - BSc Mathematics

Vancouver, BC

- Recipient of the Beedie Luminaries Scholarship
- Microsoft Student Ambassador

PROJECTS

Piano Tracker — *MongoDB, Express, React, Node, JavaScript*

July 2022

- Developed an application allowing users to log their piano sessions by inputting dates, description, and duration
- Utilized the MERN stack to create a full-stack application, using an Express server for the backend
- Added 4 API endpoints routes to communicate with database and used Postman to test the routes

StormHacks 2022 - Online Transactions Platform — *JavaScript, Node.js, Socket IO, HTML/CSS*

Feb 2022

- Developed a front-end web application allowing users to process secure transactions for cryptocurrencies
- Allows users to utilize the benefits of Hashgraph transactions with secure tokens
- Won 1st place out of 86 teams in Hackathon for category: Best Blockchain Project Using Hedera
- Spearheaded front-end design with CSS and developed over 8 components, including our project logo and chat function for users to communicate with buyers and sellers

Posture Fix Chrome Extension — *JavaScript, HTML, CSS*

Jan 2022 – Feb 2022

- A chrome extension that alerts the user to adjust their posture while they work
- Developed a built-in timer using JavaScript that triggers a popup to remind the user.

Task Organizer — *Java, JSON, JUnit*

Sep 2021 – Dec 2021

- Developed a To-Do List in Java using object-oriented principles
- Wrote unit testing frameworks using JUnit for over 4000+ lines of code and used a GUI to visualize the application
- Received 100% code coverage using JUnit for unit testing, ensuring all cases are covered

EXPERIENCE

Data Research Analyst

May 2022 – Present

Madison's Lumber Reporter

Vancouver, BC

- Researched and updated Canadian and US solid wood and pulp & paper producer entries in company's directory.
- Updated more than 300+ entries on the database
- Used advanced Excel functions and formulas to efficiently sort through data

Web Developer

June 2020 – Present

3BA Printing

Coquitlam, BC

- Co-founded 3BA Printing to help businesses and customers with product design and additive manufacturing
- Developed a scalable online store using CSS and JavaScript to sell 3D printers, boosting sales by 71% through Google Analytics
- Manufactured and designed a biotechnology product with 13 engineers and executives to eliminate needle-stick injuries in healthcare
- Coordinated between The University of Waterloo and 3D printing manufactures to process shipments and orders off our site

Coding Instructor

Jan 2021 – Sep 2021

The C.O.D.E Initiative Foundation

Vancouver, BC

- Introduced young kids to introductory coding languages by running 4 different workshops
- Worked on 1-1 instruction with students for various Web Development, Python, and Java courses
- Received positive feedback from the parents of more than 5+ students in regards to my teaching and engagement

SKILLS

Programming Languages: Java, Python, JavaScript, HTML/CSS, PHP C, C++, R, Bash

Developer Tools: Git, Azure, VS Code, Visual Studio, IntelliJ, Jupyter, Arduino IDE

Frameworks & Libraries: React, JUnit, Node.js

Languages: English, Persian, French, Spanish