Arman Moztarzadeh

✉ armanmoztar@outlook.com | 📞 (778) 953-6129 | 🔗 Website | in LinkedIn | ⭘ GitHub

EDUCATION

The University of British Columbia   Sep 2020 – Apr 2024
Faculty of Science - BSc Mathematics   *Vancouver, BC*
- Recipient of the Beedie Luminaries Scholarship
- Microsoft Learn 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

Online Transaction Platform —*JavaScript, Node.js, Socket IO, HTML/CSS*   Feb 2022
- Developed a front-end web application as part of a hackathon, allowing users to process secure transactions for cryptocurrencies
- 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 extention 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 manufacturers 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