

# Arman Moztarzadeh

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## EDUCATION

### The University of British Columbia

Sep 2020 – Apr 2024

*Faculty of Science - BSc Computer Science (Intended)*

*Vancouver, BC*

- Recipient of the Beedie Luminaries Scholarship

## PROJECTS

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

Feb 2022

- Developed front-end web application allowing users to process secure transactions similar to Ethereum
- 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

### Dark Mode Chrome Extension — *JavaScript, HTML*

Jan 2022 – Feb 2022

- Changes the colour of web pages to a dark colour, helping users in visualizing web-pages
- Developed the ability for users to toggle back and forth between light and dark mode
- Inverts the colour of a site by auto-detecting the current colour, without overriding logos or buttons

### Task Organizer — *Java, JSON, JUnit, IntelliJ*

Sep 2021 – Dec 2021

- Developed a To-Do List in Java as part of my school's Object-Oriented course
- Wrote unit testing frameworks using JUnit for over **4000+** lines of code and used a GUI to visualize the To-Do List
- 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 classes
- Received valuable feedback from the parents of more than **5+** students in regards to my teaching and engagement through visual projects and code demos

## SKILLS

**Programming Languages:** Java, Python, JavaScript, HTML/CSS, 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