

# Arman Moztarzadeh

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## EDUCATION

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### University of British Columbia

Bachelor of Science in Mathematics

Sep 2020 – EXPECTED: May 2024

Vancouver, BC

- **Relevant Courses:** Software Construction, Models of Computation, Introduction to Computer Systems, Basic Algorithms and Data Structures, Computer Hardware and Operating Systems, Introduction to Data Science

## PROFESSIONAL EXPERIENCE

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### Software Engineering Intern

Porton Health

Sep 2022 – Dec 2022

Vancouver, BC

- Added new functionalities and features including button UI components to existing applications using JavaScript, Node.js, and AWS
- Tested, debugged, and documented workflow for over **35** components using JavaScript and MongoDB
- Collaborated and directed development with UI designers and Senior engineers to productize email templates for health platform

### Frontend Web Developer

3BA Printing

Jan 2022 – June 2022

Vancouver, BC

- Developed a scalable online store to allow clients to contact, view products, and access services, improving website engagement by **48%**
- Created 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

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### BC Cancer Ticket Management System {React.js, Express.js, MYSQL} | [Repo](#)

Oct. 2022 – Present

- Met with stakeholders from agency to develop a laboratory management system as part of UBC Launch Pad
- Developed routes and models to load questions into SQL database
- Wrote over **11** unit tests for question routes using Jest
- Implemented Load and Delete questions saga using Redux and Axios Library

### 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 - **StormHacks 2022 1st Place Winner** {JavaScript, Node.js, Socket.io} | [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

## SKILLS & LANGUAGES

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