

Samuel Lin

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Highlights of Qualifications

- **Languages:** Java, JavaScript, C++, Python, HTML/CSS, SQL
- **Frameworks:** React.js, Django/Python, Bootstrap, Semantic UI
- **Design tools:** Adobe Illustrator, Adobe InDesign, Gravit Designer
- Does not back down from new challenges and always eager to learn

Education

University of British Columbia

2016 - present

Bachelor of Arts, Major in Mathematics, Minor in Commerce, Thematic Concentration in Applicational Mathematics

- **Relevant Course work:** Software Construction, Regression, Marketing, Mathematical Modelling, Applied Linear Algebra, linear Programming

British Columbia Institute of Technology

2018 - present

Associate Certificate, Applied Software development

- **Relevant Course work:** Java Development, Software Development in Java, C# Application Development

Projects

Global Menu | JavaScript

Sept 2019 – Present

- A web app that can search a restaurants and allow users to translate menus into different languages
- Implemented the front-end design with React.js framework incorporating the use of router, axios, state, and props
- Implemented the functionality of such as the nav bar and search functions with auto suggestion

JDBC Application with Swing UI | Java

Sept 2019 – Dec 2019

- Full stack Java application with data access pattern that utilizes Swing's GUI toolkit allowing users to view customers records in a simulated library in the mssql database
- Implemented the filtering functionality that allows the user to search by names, customer id to find books or prices to find books
- Implemented the parsing of data files such as .txt and .xml and transferred data into the database

Movie Rater | Python

July 2019 – Sept 2019

- Full stack web app that allows users to insert different movie topics and rate them
- A project that uses Django for the back-end development. This involves building models, incorporating the built-in database, and security(permission/authentication)
- Implemented the front-end using React.js which sets up basic components of the application and fetches the backend API

Personal Landing Page | JavaScript/JSX

June 2019 – Sept 2019

- Made my own personal website using React.js framework, CSS, Bootstrap and deployed it through Heroku

School involvement

UBC Game Development Club – Stack Ninja

- 2D endless runner mobile game that generates randomized real-time terrain. The player would have to overcome obstacles by stacking blocks under the avatar.
- In charge of the visual designs of the game including the character sprite, terrain, icon, and background

Employment History

Mathematics/Science Instructor

August 2019 - present

IVY Golden Union IGU- Vancouver, B.C.

- Provide informative presentations to students regarding different areas of mathematics and ensure that all student fully comprehend all aspects of the material
- Recognizing problems that students are facing and adjust style of teaching in order to optimize effectiveness

Student Brand Ambassador/Manager

Oct 2017 – April 2019

Preview Careers – Vancouver, B.C.

- Responsible for creating marketing contents that resonates with students. For example, event-promo videos, on street interviews and posters. In addition, Communicate product value to potential customers.
- Contribute to the monthly marketing analysis and business planning for better business approach and distribution of resources

