

Bill Li

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EDUCATION

- **University of Waterloo** Waterloo, ON
1B Bachelor of Computer Science: 4.0 Faculty GPA *Sept. 2020 – July. 2025*
 - Relevant Coursework: C, R/Rstudio, Racket
- **Markville Secondary School** Markham, ON
Ontario Secondary School Diploma: 96% Average *Aug. 2016 – June. 2020*
 - Relevant Coursework: Python, Java, Turing, Data Structures and Algorithms

EXPERIENCE AND RELEVANT PROJECTS

- **Plumly** (gentle-temple-46329.herokuapp.com/) Waterloo, ON
Social Media Platform *Feb 2020 - Present*
 - Plumly is a social media platform aimed towards developers that allows you to create posts and interact with other individuals.
 - Developed using **Node.js**, **Express.js**, **Mongoose**, **HTML/CSS**, **React**, and **MongoDB** for the back-end deployed and hosted on **Heroku**.
 - My first hands-on experience working with the complete **MERN Stack** and **React Hooks**.
- **Arctic Labs** (arcticlabsio.com) Markham, ON
Web Developer *Dec 2019 - Present*
 - Developed the company website using **HTML**, **CSS** and **Bootstrap**.
 - Implemented a dashboard with a payment authentication system using **Stripe API** and **Meta Labs REST API**.
 - Deployed and hosted using **AWS S3** and custom domain routed using **AWS Route 53**
- **DxChain** (dxchain.com) San Jose, CA
Blockchain Engineer Intern *July 2018 - Aug. 2018*
 - Developed **smart contracts** using **Solidity** and **Remix IDE** that were later tested using the **truffle suite** and deployed onto the Ethereum Blockchain using **Web3.js**.
 - Created a lottery-system betting **DApp** called Miner Sol which involved purchasing tickets, called miners, and deploying them into different pools for a chance to win Ether.
 - The **DApp** was later deployed onto the Ethereum Blockchain in Dec. 2018, and a static web page was created using **HTML** and **CSS** so that the **DApp** can be accessed via a web browser using **MetaMask**.
 - Worked alongside the PR team in writing and translating technical documents for the release of their upcoming project.
 - Gained valuable information and hands on experience working with **blockchain** technology, **cryptography**, and writing **smart contracts**.
 - Link to Miner Sol GitHub repository: <https://github.com/bill-li1/miner-game>

PROGRAMMING SKILLS

- *Languages:* **Python**, **Java**, **Javascript**, **HTML Solidity**, **Racket**, **C**, **C++**, **CSS**, **Turing**, **Racket**
- *Frameworks:* **React**, **Node.js**, **MongoDB**, **Express.js**, **Truffle Suite**, **Mongoose**, **FastAPI**, **Flask**
- *Developer Tools:* **Git/Github**, **AWS S3**, **AWS Route 53**, **Vim**, **VS Code**, **Postman**, **AWS E2**, **Scrum**