

# Bill Li

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## EDUCATION

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- **Markville Secondary School** Markham, ON  
*Ontario Secondary School Diploma; Average: 96.4%* Aug. 2016 – Jun. 2020
- **University of Waterloo** Waterloo, ON  
*1B Bachelor of Computer Science; Faculty Average: 96%* Sept. 2020 – July. 2025

## EXPERIENCE

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- **DxChain** San Jose, CA  
*Blockchain Engineer Intern* July. 2018 – Aug. 2018
  - **Solidity:** Worked alongside a team of three total Blockchain Engineer interns to code smart contracts that were later deployed on the Ethereum Blockchain. Provided me with invaluable knowledge in blockchain, cryptography, and cryptocurrencies.
  - **Web3.js:** Used Web3.js and the truffle suite to first test and then deploy our contracts onto the blockchain.
- **Arctic Labs** Markham, ON  
*Full Stack Web Developer* Jun 2019 - Present
  - **Flask and Python:** Was hired by Arctic Labs to create a web application for their company, which notifies users about upcoming clothing or shoe releases with limited stock.
  - **Website:** [www.arcticlabsio.com](http://www.arcticlabsio.com)
  - **Github:** [github.com/bill-li1/arcticlabs](https://github.com/bill-li1/arcticlabs)
- **Cookie Doh** Waterloo, ON  
*Senior Web Developer* Jan 2014 - Oct 2016
  - **Teamwork and Collaboration:** Worked alongside a team of other web developers to create a online retail website for the sale of edible cookie dough.
  - **Launchpad:** Cookie Doh was selected as one of two companies (out of 26 total) to be funded and supported by Launchpad, a local startup incubator.
- **Triway Education** Richmond Hill, CA  
*Computer Science Teacher* Jun 2017 - Sept 2017
  - **Leadership:** Led a team of two other assistant teachers to teach a summer competitive programming course in Java for elementary school children.

## PROJECTS

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- **Computer Science Blog** Nov. 2020  
*Markdown*
  - **Weekly Posts:** In my spare time, I write about the projects that I am currently working on and other technology related thoughts/opinions I may have
  - **Website:** <https://billli-47044.medium.com/>
- **Miner Sol** Sept. 2018  
*Web3.js, HTML/CSS, Solidity Truffle Suite*
  - **Lottery Game:** Worked with another Blockchain Engineer Intern to code a lottery-system betting game using **Solidity** and **Web3.js**. The game involved purchasing tickets, called miners, and deplying them into different pools for a chance to win money.
  - **Etereum Blockchain:** The game was later deployed onto the Ethereum Blockchain in Dec. 2018, and a webpage was created so that the game can be played via a web browser using MetaMask

## PROGRAMMING SKILLS

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- **Languages:** Python, Java, Javascript, Solidity, Racket, C/C++, HTML/CSS, Turing, Racket
- **Frameworks:** React, Node.js, Flask, MongoDB, Express.js, Express, Truffle Suite, FastAPI
- **Developer Tools:** Git, AWS, Vim, Scrum, Postman, Visual Studio