

# CALVIN LUI

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<https://ccnlui.github.io/portfolio>

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## EDUCATION

### University of Waterloo

Bachelor of Computing and Financial Management

Waterloo, Ontario

2013 – 2019

- **GPA:** 4.0/4 (Major Average: 86.0)
- **Honors:** President's Scholarship of Distinction, International Experience Award, Dean's List for 6 years

## WORK EXPERIENCE

### Ctrl V

Virtual Reality – Developer

Waterloo, Ontario

September 2018 – April 2019

- Integrated V Card (Gift Card) into the existing POS system that was written in Qt and C++
  - Added support for Gift Card related actions such as inquiring, purchasing, redeeming, and refunding
  - \$100,000 worth of Gift Cards were sold via the POS system in 2 months
- Refactored legacy code to enforce design patterns such as Model-View-Controller model and Resource Acquisition Is Initialization pattern
- Created and updated endpoints for server-side Web API that was written using PostgreSQL, Express, and Node.js
- Created a small React page to dynamically display weekly operating hours of 15 locations across Canada, United States and Costa Rica

### Unata

Quality Assurance – Automation Developer

Toronto, Ontario

January 2018 – April 2018

- Performed regression & sanity cycles to ensure platform version updates for each client satisfy their respective business requirements and offer a seamless user experience
- Designed, developed, and automated test cases using Robot Framework and Selenium WebDriver, significantly reducing the time to complete test cycles

### Cambridge Global Asset Management

Equity Research – Trading Assistant, Research Associate

Toronto, Ontario

January 2017 – April 2017

- Responsible for the idea proposal, price negotiation, and record-keeping process of option trading in Cambridge
- Developed Excel spreadsheets (VBA) to analyze trade P/L, portfolio risks, and US Treasury Yield Curve roll-down return
- Performed in-depth industry analyses on US Self-Storage sector and Canadian Wealth Management business
- Initiated coverage on Public Storage (NYSE: PSA) after developing a deep understanding of the business by speaking with sell-side analysts, industry consultants, and management teams

### MNP

U.S. Corporate Tax – Intern

Toronto, Ontario

January 2016 – April 2016

- Prepared and filed U.S. corporate tax returns

### PwC

International Assignment – Intern

Hong Kong, Hong Kong

January 2015 – April 2015

- Prepared and filed Hong Kong individual and provisional tax returns

## SKILLS, ACTIVITIES & INTERESTS

- **Languages/Framework:** C++, Python, Java, HTML/CSS/JavaScript, R, Golang, A-Frame, Robot Framework, React, Node.js, Express, PostgreSQL
- **Tools:** Linux (Bash), Git, Bitbucket, Vim, Qt
- **Projects:** Mario Clone (Unity), Chess Game (Unity), CampfireVR (A-Frame), Fotag (Android)
- **Interests:** Virtual Reality, Movies, Anime, Books, League of Legends, Guitar