

# Martin Chu

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## Skill Set:

**Proficient at:** C++

**Experienced in:** C, Java, SQL, JavaScript, HTML, CSS, Python

**Familiar with:** Bash, Visual Basic

## Education:

**University of Waterloo, Waterloo, Canada**

*Hon. Computing and Financial Management, Co-op*

Sep 13 - Present

## Job Experience:

**AGF Management Limited, Toronto, Canada**

*Quality Assurance Associate*

Sep 15 - Apr 16

- Complied investment reviews for over 100 funds, valued at \$32.4 billion CAD in total, and performed quantitative analysis by comparing performance with different benchmarks and previous performance while providing consultation to improve report structure
- Created 3 SQL queries to consolidate data from multiple sources to automate and simplify standardized validation workflow process to promote delivery efficiency

**PricewaterhouseCoopers LLP, Hong Kong**

*Tax Technology Consultant*

Jan 15 - Apr 15

- Automated the workflow of internal document approvals and filings of over 1000 external client documents after participating and managing over 5 internal technology projects

**Jones International Limited, Hong Kong**

*IT and Finance Intern*

Apr 14 - Aug 14

- Analyzed over 400 business travel expenses entries, consulted with financial controller, and built modelling application to accurately forecast budget for future fiscal years and optimize capital structure of the firm

## Voluntary Experience:

**Side Project Portfolio, Github.com**

Nov 16 – Present

- Developed static personal website with HTML, CSS and JavaScript to integrate personal information, social media profile and professional profile powered by Github Pages
- Completed online course with the subject of Machine Learning in Algorithm Trading with Python
- Developed Android Application with Android Studio

**Algorithm trading Portfolio, Quantopian.com**

Jun 16 - Present

- Managed a hypothetical, algorithm-driven portfolio of securities back-tested by historical data and generates 178% return within the span of last 5 years

**Accounting & Finance Students Association, University of Waterloo**

*Project Manager*

May 15 - Aug 15

- Successfully pitched partnerships from over 30 local business to launch a student discount card for over 2000 accounting and finance students that generated strong interest and demand

## Achievements:

Exchange Student (Computer Science) – **University College London**

2017

Advanced Placement (AP) Scholarship – **The College Board**

2013

University of Waterloo President's Scholarship – **University of Waterloo**

2013

## Interest:

Photography, Volleyball, Web Design, App Development, Start-ups