

Martin Chu

Martinchu09@gmail.com | <https://github.com/martinchu> | www.martinchu.xyz

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

- Completed 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
- Developing a Machine Learning application that simulates the exposure at default of the current banking system with Python and TensorFlow

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