

Peter Huang

COMPUTER SCIENCE · FINANCIAL MANAGEMENT

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Summary

- Excellent with equity research projects and competitions including valuation strategies, and risk analysis (e.g. UW IRC, NIBC)
- Experience with developing enterprise solutions and financial technology using efficient algorithms & data structures
- Built web applications for government and investment firms in Toronto's Financial District, serving over 31500 clients
- Great communication skills, presentation skills, troubleshooting skills, attentive, responsive, organized, and punctual

Experience

Edisoft Inc.

Toronto, ON

FULL-STACK SOFTWARE DEVELOPER

Sep. 2017 - Dec. 2017

- Developed a file import & export system handling all special characters and delimiters for large data, using a Regex matching algorithm, resolving all related client tickets and eliminating future recurrences (.NET, SQL, specification to completion)
- Implemented front-end utilities (e.g. filters, EDI mappings, user preferences, sortable tables) allowing support staff to process more than 2.1x the number of client requests per day (ASP.NET MVC, Javascript, jQuery, HTML, CSS)

KPMG LLP

Toronto, ON

SOFTWARE DEVELOPER - TAX AND DIGITAL COMPLIANCE

Jan. 2017 - Apr. 2017

- Developed a tax election site to provide investors with electronic versatility to process sensitive equity data (C# & ASP.NET, SQL)
- Enhanced the efficiency and functionality in tax analytics applications for investment clients, providing data analytics for 3000+ fund transactions (C++)
- Automated CAN/US tax processing efficiency by 76% and eliminated errors from manual entry, using Excel/VBA macros

Workplace Safety & Insurance Board

Toronto, ON

IT PRODUCTION SUPPORT INTERN

May 2016 - Aug. 2016

- Researched, developed, and presented a vendor scoring toolkit for a \$300M+ RFP, approved by IT and Procurement directors
- Integrated dashboard analytics and tutorial videos of an agentless server monitoring tool with SharePoint

Skills

Programming: C++, C# & .NET, Java, C, Python, R, LaTeX, Unix(Bash), Javascript, Swift, Git

Expertise: Algorithms, Data Structures, Object Oriented Design, Design Patterns, UML & Documentation

Finance: S&P Capital IQ, Thomson Eikon, Rotman Interactive Trader, Financial Modeling, Valuation Strategies

Interests: Technology, AI, Financial & Cryptocurrency Markets, Basketball, Hockey, 5k - Half Marathon Running

Education

University of Waterloo

Waterloo, ON

BACHELOR OF COMPUTING AND FINANCIAL MANAGEMENT

2015 - 2020

- Majoring in Computer Science with a Financial Management special major
- Teaching Assistant for Math 135 (Algebra) in Fall 2016, Recipient of Microsoft Mathematics Scholarship

Canadian Securities Course IN PROGRESS - 1/2 EXAMS COMPLETED

2018

Awards

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| 2017 | 5th Annual Anish Chopra Investment Research Challenge, School of Accounting & Finance , Division Winner, 5 th overall; Equity research, valuation, and presentation of a NYSE stock, with recommendations and drivers/risk analysis |
| 2016 | Canadian Interuniversity Sport Academic All-Canadian (Track and Field) , Awarded to athletes in Canadian universities with outstanding academics & athletics |

Personal Projects

Financial Modelling Framework · R, PYTHON

- Developed a framework with scripts and GUI's modeling returns, forecasts, and performance metrics of securities
- Designed customizable tools to pull ticker data, compute CAPM, multiples, and ratios, for investment research projects

Leukocytic Defense · JAVA

- Developed a 2-D Tower Defense game using Object Oriented Design, Polymorphism, Abstraction, and Encapsulation
- Utilized the observer, template, factory, strategy, and decorator design patterns; and Java GUI (e.g JFrame, JPanel, JButton)