

## SUMMARY

- Professional software development experience from past co-op terms, such as developing financial applications using C#, VB/ASP.NET, JavaScript, SQL server
- Strong programming experience (Java, C#, C++) using OOP, data structures, efficiency, algorithms, design patterns, MVC, documentation (e.g. UML)
- Excellent analytical and presentation skills from presenting desktop and mobile app prototypes to the CTO, and through stock pitch competitions (e.g. valuations methodologies, financial modelling, drivers and risk analysis)
- Proficient in Excel/VBA, through developing macros and automations, use of excel functions (e.g. lookups, filters, countifs, match, pivot tables)
- Experience with programming in R, such as calculating volatilities, valuations, and generating graphical analyses like regression models, forecasts, returns
- Motivated, quick learner; cooperative, attentive and responsive team player

## WORK EXPERIENCE

### KPMG LLP

Jan 2017 - Apr 2017

#### Software Developer – Tax & Digital Compliance

Toronto, ON

- Developed a tax election site to provide investors with electronic versatility to process sensitive data post stock merge (VB/ASP.NET, JavaScript, SQL)
- Enhanced the efficiency and functionality in tax analytics applications for investment clients, providing statistical analytics for 3000+ fund transactions
- Automated CAN/US tax processing efficiency by 70% and eliminated errors from manual entry, using Excel/VBA (including investment returns)

### University of Waterloo

Sep 2016 - Dec 2016

#### Teaching Assistant - MATH 135 Algebra

Waterloo, ON

- Excellent communication and leadership skills through tutoring students in proof writing—improvements of 10%+ in student assignment grades

### Workplace Safety Insurance Board (WSIB)

May 2016 - Aug 2016

#### IT Production Support & Business Intern

Toronto, ON

- Strong analytical skills through researching, developing, and presenting a vendor scoring toolkit for a \$300M+ RFP, approved by the VP of IT Operations
- Experience with KanBan board and Agile Scrum using JIRA
- Experience with SharePoint: version control, dashboard design, and integrating it with tutorial videos of the Solarwinds Server Application Monitoring tool

## AWARDS

[5<sup>th</sup> UW Annual Investment Research Challenge](#) – Division Winner 2017

1<sup>st</sup> Division (NYSE:PII), 5<sup>th</sup> Overall; pre-assigned stock and prepared under 5 days

[Canadian Interuniversity Sport Academic All-Canadian](#) 2016

Awarded to athletes in Canadian universities with outstanding academics & athletics

## EDUCATION

### University of Waterloo

3A Bachelors of Computing and Financial Management

#### CANADIAN SECURITIES COURSE

(CSC) Certification – Fall 2017

## SKILLS

#### **PROGRAMMING LANGUAGES:**

Java, C, C#, C++, Python, R, MATLAB

#### **MICROSOFT:** Excel & VBA, Word,

PowerPoint, Visio, SQL Server Express

#### **ACCOUNTING & FINANCE:**

TaxPrep (CAN), GoSystem Tax RS (US), Bloomberg Terminal, S&P CapitalIQ

#### **SCRIPTS:** UNIX (Bash, CShell), AutoIt3

#### **WEB DEVELOPMENT:** HTML, CSS,

JavaScript, ASP.NET (C#, VB)

#### **FILM & MEDIA:** Sony Vegas Pro,

Adobe Captivate, Adobe Photoshop

## PROJECTS

#### [Personal Website](#)

(HTML/CSS/JavaScript) Showcases my portfolio, projects, and achievements

#### [Leukocytic Defense](#)

(Java) Cell Biology tower defense flash game, using OOP, design patterns, GUI

#### [Financial Modelling Toolkit](#)

(Python, R) A framework with scripts and GUI's that model returns, forecasts, and performance metrics of securities

## ACTIVITIES & HOBBIES

### **University of Waterloo Cross**

#### **Country & Track Athlete**

10km XC, 800m, 1500m, 4x400m

#### **Hobbies**

Filmmaking, Running, Swimming, Volleyball, App-building, Financial Markets, Cryptocurrency Markets