Muhammad Haidar

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Education

University of Waterloo   **Waterloo, ON**

Bachelor of Computing and Financial Management (Double Major in CS & Finance)   Expected: Apr. 2019

- **Major GPA:** 3.9/4.0; **Cumulative GPA:** 3.7/4.0 on 115% cumulative course load
- **Relevant Coursework:** Algorithm Design and Analysis, Data Structures, Object-Oriented Software Development, Databases
- **Teaching Assistant:** Discrete Mathematics and Algebra, University of Waterloo Faculty of Mathematics

Skills

Programming Languages   Python, C, C++, C#, SQL, HTML, CSS, Java, JavaScript

Tools/OS   Unix/Linux, Bash, Git, MySQL, Apache, Visual Studio, VMWare

Work Experience

Venture Capital Analyst Intern   **Toronto, ON**

HarbourVest Partners   Jan. 2017 - Apr. 2017

- Evaluated investment opportunities as part of a $40B portfolio in early-stage tech companies:
- *Investment in $230M Software-as-a-service (SaaS) Company*
- Assumed leading role in preparation of investment recommendation slide deck including SaaS-specific revenue metric analysis and product-market fit, resulting in approval by investment committee
- *Investment in $100M Mobile E-Commerce Company*
- Assessed competitive positioning of target company, analyzed product tech stack, and modeled potential investment returns, ultimately declining investment due to constrained cash flow

Data Science Intern   **Toronto, ON**

Investment Technology Group (ITG)   Sep. 2016 - Dec. 2016

- Analyzed performance of quantitative trading algorithms in Python (Pandas framework) using statistical methods, measuring accuracy and time efficiency of stock exchange market orders
- Developed a Python program in combination with shell scripts and SQL queries to automate analytics on relational database output, increasing efficiency by over 60% and enhancing data reliability
- Designed, tested, and implemented new data pipeline for automated daily market reporting, refactoring legacy C# code in the process, resulting in a 90% decrease in daily script runtime and increase in reliability to 100%

Tax Associate Intern   **Toronto, ON**

PricewaterhouseCoopers (PwC)   Jan. 2015 - Apr. 2016

- Advised early-stage tech companies on international tax exposure and industry specific provisions such as research and development investment tax credits, reporting over $250M in taxable income
- Improved efficiency of financial reporting processes by implementing computational spreadsheets to reconcile information of over 100 legal entities as part of secondment to a major firm client

Leadership & Extracurricular

Investment Associate   **Waterloo, ON**

University of Waterloo Student Venture Fund   Sep. 2017 - Present

- Established operations of $1M student venture fund and led team of 4 students to evaluate investment opportunities in early-stage technology companies alongside venture capitalists in the Toronto-Waterloo corridor
- Gained exposure to various tech stacks, emerging technologies, and software startups in the biotech and marketing space

Chair, Board of Directors   **Waterloo, ON**

Mathematics Endowment Fund   Sep. 2016 - Dec. 2016

- Founded strategic platform for the establishment of a future student-run investment fund in the faculty of mathematics
- Led 8-person funding council to evaluate student presentations and determine allocation of $6M in funds for financing faculty projects