WILLIAM LEE

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SUMMARY OF QUALIFICATIONS

· 4 years of programming experience obtained by developing software for Canada Protection Plan, TD Bank, CIBC, Scotiabank and by completing computer science courses at University of Waterloo

· Demonstrated good use of Object-Oriented Programming and Design Patterns through on-going development of a 2D sprite-based game: https://github.com/williamlee2/williamlee2.github.io

· Proficient with a wide variety of programming languages, tools and technologies including Python, Java, C/C++, C#/VB, HTML/CSS/Javascript, MySQL/T-SQL, Git, Bash shell scripts, compilers, etc.

· Able to learn and use new tools and technology quickly and effectively

WORK EXPERIENCE - Data Analyst | Canada Protection Plan | Sept 2019 – Present

· Worked closely with the Chief Distribution Officer to analyze sales data, identify trends/key performance drivers and share the results with all the sales managers across Canada

· Supported the Marketing team with sales contests and promotions by providing the data necessary to identify participants/winners and evaluate the impacts on sales performance

· Developed and updated client-side applications for teams including New Business, Billing etc.

SOFTWARE PROJECTS

· Developed a Windows Forms application in C# that allowed users to customize a word document template and generate hundreds of personalized Continuing Education Certificates and emails

· Programmed flexible and efficient Python modules to generate sales performance reports for top retailers of Canada Protection Plan's insurance products (reports were composed of HTML/CSS/JS)

· Built a console application in VB to automate data propagation from one application into multiple databases (the app utilized APIs to fetch data from a console app and write it into a GUI app)

· Created Python scripts utilizing the Selenium framework to automate Internet Explorer interactions for mass data downloads and updates

EDUCATION - Bachelor of Mathematics Co-op | University of Waterloo | Sept 2014 – Apr 2019

Co-op Work Terms: TD Bank CMRM – Counterparty Credit Risk (Sept 2018 – Dec 2018), CIBC World Markets – Prime Services Group Technology (Sept 2017 – Apr 2018), Scotiabank GBM – Prime Brokerage (Jan 2017 – Apr 2017), York Region – IT Services (May 2016 – Aug 2016)

Relevant Coursework

· Object Oriented Software Development (C/C++), Foundations of Sequential Programs (Assembly Language/Compilers), Computer Organization and Design (CPU architecture)

· Developed software in a Linux environment and used tools including Vi/Vim (code editor), g++ (compiler), Make (build automation), Bash scripts, Valgrind (memory debugging), Github

Awards: President's Entrance Scholarship ($2000) – September 2014