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| Harrison Fok | pak.fok@mail.utoronto.ca  39 Gillings Street  Markham, Ontario L6C0G3  Cell Phone: 647-618-0590 |

TECHNICAL SKILLS

**Experience with:** Python, Java, Go, JavaScript, Node.js, REST, .NET C#, MVC, SQL, PHP, Android, Git

**Familiar with:** AWS, Pandas, Keras, C, shell script, Linux, UML, VBScript, OSX, Windows

Education

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| University of Toronto Scarborough  Honours Bachelor of Science | 09/2014 - Present |

* Computer Science Specialist Co-op Program (Software Engineering Stream)

Professional Experience

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| University Health Network  Software Developer | 01/2019 - 04/2019 |

* Developed a full-stack Go web application using Blue Jay in a team setting, fulfilling the client’s needs through feature implementation and accurate data storage in a well-designed database
* Completed a one-week project that scrapes a large amount of Excel files and turn them into JSON format within the team, and individually completed another project that stores JSON data into CSV
* Migrated a huge amount of client data with more than 20 sections into the database of the web application, preserving the quality of the data to allow effective querying

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| York Region District School Board  Programmer | 05/2017 - 08/2017 |

* Developed a web application using ASP.NET C#, with HTML, CSS, JavaScript, Bootstrap, jQuery, and Exchange server to extract daily Outlook appointments, improving design and readability
* Self-learned most new technologies independently, allowing deeper understanding and creativity
* Developed a Business Intelligence report, using Visual Studio and SQL Server, for displaying all IB students by querying more than 20 tables with different logic

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| CIBC Technology & Operations  Test Analyst | 09/2016 - 12/2016 |

* Corrected issues with 8 existing automation scripts and wrote 13 new ones for performing other functions, increasing speed and efficiency by at least 200%
* Self-learned QuickTest Professional/Unified Functional Testing and VBscript for automation with minimal guidance, saving the employer a substantial amount of time to provide training
* Documented learning and trainings in Microsoft Word as reference for future Co-op students

Projects

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| Hayley-Harrison | <https://github.com/HarrisonFok/Hayley-Harrison>  05/2018 – 06/2018 |

* Developed a website using Node.js, Express, MongoDB, and EJS, with MVC and RESTful routes, allowing user authentication, signup, adding, viewing, editing, and deleting blogs or pictures

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| HayleyAndHarrison | <https://github.com/HarrisonFok/HayleyAndHarrison>  05/2018 |

* Developed a fully-functioning website using HTML, CSS, JavaScript, PHP, and MySQL, allowing user authentication, signup, viewing and adding to TODO list, and viewing and posting “tweets”

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| Python GUI grading app | <https://github.com/HarrisonFok/L02_04> 09/2017 - 11/2017 |

* Developed a GUI app in Python within a 5 person team using Agile, achieving A+ on the project
* Connected different features by the end of the fourth sprint into a working product
* Created personas to better understand client needs and ordered user stories so that story points could be assigned and small individual working features could be released every sprint
* Self-learned Tkinter from scratch, completed my assigned user stories and removed unnecessary ones, allowing more efficiency and more core user stories to be completed

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| Android flight application | 11/2015 - 12/2015 |

* Wrote a native application within a 5 person team, achieving an A+ on the project
* Designed UIs for different types of users such as clients and administrators
* Scheduled meetings for architecture, work splitting, status reports
* Planned a schedule so that there was time left over for documentation
* Resolved conflicts through in-person code reviews and Skype meetings
* Abstracted real world flight reservation system objects into Java code