ZONGTAI (DAVID) LIU

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Results-driven individual with desiring to bring detail-oriented approach to a Software Engineering position with a Computer Science and Finance background.

SKILLS

OS	Windows 7, Windows 8, Windows 10, Linux, Android, MacOS
Technical	Javascript, C/C++, Python, SQL, Bash, Java, Kotlin, Android Studio
Tool/Framework	Node.js, Express, Pug, AWS Cloud9

PROJECT

Python Web Scraping Script

- Repository: https://github.com/arctdav/python-sideproject-web-scraping
- This Python side project scraps all uWaterloo courses information from its website and exports course data into an Excel file. This script used python library BeautifulSoup, request, and csv.

JavaScript Tank War

- URL: arctdav.github.io
- This is a web game with two tanks. Two human players need to destroy another's tank to win. Each tank has 10 health point, got hit by a bullet reduces 1 health point. This game is controlled by computer keyboard input, by AWSD, space bar, enter key, and arrow keys.

Android Calculator App

- Repository: https://github.com/arctdav/Android-Calculator-App
- This is a simple Android calculator with multiple activities exchanging data, written in Java. The data exchange between multiple activities. I added multiple data into a Bundle, used "addExtra" to add this Bundle into an Intent, then passed this Intent into "startActivityForResult" method to achieve the data exchange feature.

WORK EXPERIENCE

May 2019 – Aug 2019	**Junior Software Engineer –** Ontario Government
	- Involved in C# application development for file parsing by Microsoft Office Interop - Used Oracle BI Publisher with Siebel to automatically generate letters from XML files - Developed Python scripts to automate repetitive tasks - Used Python Opencv library to identify logo by pattern matching
Sep 2018 – Dec 2018	**IT Trainee –** City of Toronto
	- Wrote PowerShell script for repetitive and redundant IT tasks - Assisted in life cycle replacement and deployment for computer hardware and software - Resolved and troubleshooted software technical issues with operating systems (Windows 7/10)
Jan 2018 – Apr 2018	**Business Development Project Associate –** DBRS Limited
	- Recorded information from the contract onto Salesforce.com by creating accounts, contracts, opportunity, and opportunity products for the client - Collected, organized, and analyzed huge quantity of data by excel in a timely manner, with attention to detail and accuracy - Helped to improve the work efficiency by automating some data entries with formulas in Excel

EDUCATION

2016 - 2021	**Bachelor of Computing and Financial Management –** University of Waterloo
	Major: Computer Science and Finance