Jaden Wang

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EDUCATION

University of Toronto Scarborough - *Honors Bachelor of Science*
(Software Engineering Specialist & Statistics Major)

cGPA: 3.46/4.0 | September 2017 - September 2021

EXPERIENCE

University of Toronto Scarborough, ON - *Teaching Assistant*

September 2018 - December 2018

- Led labs that taught computer science fundamentals and Python to students in an introductory computer science course (CSCA08)

Codefusion Communications Inc, ON - *Computer Technician*

March 2016 - June 2016

- Implemented automatic solutions to daily/monthly tasks, such as managing internal servers and workstations, via Powershell and Bash scripting
- Assisted company clients with troubleshooting technical problems involving servers and workstations

PROJECTS

Carnet2 - *github.com/jadenyjw/carnet2-arduino*
- Used Arduino and Keras to create a self-driving neural network trainable car that can maneuver through a laid out path
- Designed and trained a convolutional neural network with self-collected data through a driver program programmed in Python

DrawPVP - *github.com/jadenyjw/drawpvp*
- Used JavaFX and DeepLearning4J to create a multiplayer game where players doodle against each other to have their drawings judged by a neural network
- Implemented transmission between multiple clients and a server via socket library Kryonet

Tanks - *github.com/jadenyjw/tanks-backend*
- Used Node.js to design a real-time multiplayer game server for a tank game accessible at https://tanks.ml, utilizing websockets for real-time communication
- Developed a frontend in React, using pixi.js for graphic animations

LANGUAGES & TECHNOLOGIES

Java | **Python** | **C** | **Javascript** | **Linux** | **Git**