Daniel Wang

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Education/Extracurriculars

- Simon Fraser University   (Sept. 2019-Present)
    - Computing Science Major
    - Competitive Programming Club

- Member 2017 Canadian Junior National Dragon Boat Team

Previous Work Experience

Shipper/Receiver

Trident Performance Sports   (October 2017-July 2019)
- Partially automated invoice processing pipeline, reducing invoice processing time by 50% by utilising Python and OpenCV to read documents and automate data entry
- Implemented an automatic pick-up alert that notified clients when their order was ready to be picked up. This saved on average 20 minutes per day compared to manually contacting clients.

Skills/Qualities

- Bilingual, fluent in Mandarin
- Proficient in
    - Python
    - C++
    - Java
- Fluent in
    - HTML/CSS
    - Vanilla Javascript
    - SQL

Current Projects

- Optimal cycling pacing calculator
    - Takes as input a .gpx file detailing course, and rider fitness score (FTP)
    - Determines a model for optimizing speed over the course by telling the rider what power to sustain over the varying elevation profile
    - Future iterations will account for more variables such as wind and temperature