Andrew So

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PROJECTS & SELF LEARNING

Full Stack Developer – Startup Project   **2022-Present**

- Using React (HTML, JavaScript, JSX), Django (Python) and working with a team of over 10 developers to develop a calendar app that enhances user experience
- Adopted object-oriented programming to establish relational databases and schema models
- Built a RESTful API enabling users to access and update their data upon request
- Translated model data into JSON format to facilitate smooth integration with the frontend

Workout Tracker App   **2022**

- Built a workout tracker app using React.js to create interactive UI
- Implemented user-facing feature to add/remove workouts while customizing workout reps, sets, weight and setting workout reminders

EXPERIENCE

Ascend Tutoring Service   **March 2021 – September 2022**
Web Developer (part-time)

- Employed front end languages (JavaScript, HTML, CSS) to design and build a website
- Rebuilt the static into a responsive user facing application
- Maintained regular updates to the website's code and functionality

Roche   **January 2021 – August 2021**
Pharma Technical Analyst

- Managed a team of interns working on projects submitted by sponsors
- Developed scripts using JavaScript to automate Google Apps to improve sponsor's workflow
- Implemented agile work methods within my team of interns to timely produce project MVPs

Natural Resources Canada   **September 2019 – December 2019**
Energy S&T Analyst

- Performed data analysis on greenhouse gas emissions to determine carbon emission values and environmental effects in 2018
- Conducted oil spill response science (OSRS) research and development partnered with National Research Council Canada

SKILLS

- Proficient in English and French
- Python (Django), JavaScript (ES6, React, Node.js), HTML/CSS (Bootstrap), R, Linux, MySQL

EDUCATION

University of Waterloo   **Bachelor of Science**
GPA: 3.30   Honours Science/Bioinformatics Option **-** Minor in Biology
Relevant Coursework: Data Types and Structures, Algorithmic Problem Solving