

Calvin Lin

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Github | Codepen (front-end) | LinkedIn | Devpost

SKILLS

PROGRAMMING

LANGUAGES: JAVA | PYTHON | C |
JAVASCRIPT | HTML/CSS

FRAMEWORKS/LIBRARIES: NODE |
EXPRESS | REACT.JS | FLASK | BOOTSTRAP

DATA SYSTEMS: MONGODB | MYSQL |
FIREBASE

TECHNOLOGIES: GIT | AWS

AWARDS

University of Waterloo

President's Scholarship of Distinction:

-- Awarded to students with an entering
average of 95% - 100% --

Exact Average: 97%

Canadian Computing Competition:

2019: Achieved **top 25%** in Senior Division

2018: Achieved **top 10%** in Junior Division

Volleyball Canada

2017- Volleyball Canada National
Championships U16: Silver Medal

2018- Ontario Provincial Championships
U17: Bronze Medal

EDUCATION

University of Waterloo

BCS IN COMPUTER SCIENCE

MAY 2024 | Waterloo, ON

Relevant Courses:

Designing Functional Programs: 86%

HOBBIES

Indoor and Beach Volleyball
Rubiks Cube
Cooking for friends and family
Playing Ping Pong

PROJECTS

PATREAION | 2019

- Worked with a team to build a decentralized subscriptions platform on the **AION** blockchain network, with subscription contracts implemented with the **ERC-1337** subscriptions standard.
- Developed with a **Vue** front-end, with an **Express** server and **Node.js**, on the **Aion Virtual Machine (AVM)**
- **EthUOFT hackathon winner:**
2nd place overall, won **AION prize** for best web-based dAPP, won **TOTLE prize** for best financial application.

SCANTRY | 2019

- Created a food recognition mobile app, implementing **Clarifai's RESTFUL machine vision API** to identify foods. The info is then sent to the user's account with database hosting on **Firebase**. Built with **React Native** and deployed on **Expo.io** and website deployment with **Bootstrap** and **HTML**.

CLOUDTUNES | 2019

- Built a weather application study tool which plays music soundtracks depending on the weather by making **RESTFUL API** requests with **Dark Skies API**, which then obtains weather information as a response.
- Created with **Node.js** and **Express**; calv-cloudtunes.herokuapp.com

FOODWATCH | 2018

- Created a grocery tracking/managing web application, allowing users to update their grocery inventory through **SMS messages** from their smartphone using **RESTFUL Twilio Api**. Interacts with database hosted using the **Firebase API**
- Created with **Python**, with frontend deployment with **Flask**.

EXPERIENCE

CO-FOUNDER | INGENIUM YOUTH TORONTO

OCT 2018 - PRESENT

- Founded a registered not-for-profit that hosts monthly STEM events
- Led a team of 6 high school students to plan monthly interactive lessons
- Managed finances and logistics by securing a total of \$2000 in sponsors through pitches to local businesses

VOLLEYBALL INSTRUCTOR | CITY OF MARKHAM

MARCH 2018 - AUG 2019

- Taught children ages 4-16 and adults fundamental volleyball skills and techniques essential to the sport.