

Derrek Chow

Bachelor of Software Engineering

University of Waterloo • Class of 2022

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SKILLS

Languages

Javascript • Python • HTML • CSS
C • Swift (iOS) • Java (Android)

Frameworks / Tools

AWS • Git • Foundation • Bootstrap
Material Design Lite • MongoDB

Libraries

jQuery • Node.js
Express.js • React

EXPERIENCE

Myplanet Fellow

Aug. 2017

Myplanet • Toronto ON

- Created a data management system for Pathways Canada, handled requests to a Node.js server with Express.js.
- Worked in a self-sufficient development team alongside upper year students in a 2 week intensive program sponsored by IBM.

Software Developer Intern

Aug. 2016 – Jun. 2017

Viceroy Media Inc. • Toronto ON (remote)

- Worked on web and mobile solutions for a variety of clients.
- Developed an exam network for the University of Guelph by implementing ratings, course listings, forum, and search features with jQuery.
- Created a payment system for a web hosting service website with the Stripe API.
- Developed an Android app, integrated social media login and rendered information cards for nearby places of interest based on user's preferences.

Director and Founder

Sept. 2016 – Dec. 2016

Ridge Hacks • Oakville ON

- Led a team of 15 to organize the first (now annual) student-run hackathon in Halton.
- Over 60 first time hackers participated in Ridge Hacks on December 3rd 2016.

ACHIEVEMENTS

Jean Lumb Innovation Award

Oct. 2017

- Awarded to an Ontario student for an original innovation which created a significant lasting impact and added value to its area.

Procor Limited Technical Award

Jun. 2017

- Presented to a graduating student for demonstrating technical proficiency.

Massey Hacks III • Best Hardware, Best 3D Printed, 3rd Best Overall Hack

Apr. 2017

- Created a device to assist the visually impaired with reading which speaks out loud text on a page when pointed to in real time.
- Used Tesseract.js OCR with Python and Javascript for finger tracking and word recognition.

IRHS Student Trailblazer Achievement Award

Mar. 2017

- Student nominated award for achieving excellence in leadership.

Tech Under Twenty Cup • 3rd Place

Mar. 2017

- Created a study notes sharing platform with Javascript and jQuery, allows students to upload, view and favourite each other's notes.