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

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.

ACHEIVEMENTS

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.

MasseyHacks III Best Hardware, Best 3D Printed, 3rd Best Overall
Apr. 2017

- Built a device to assist the visually impaired with reading which speaks out loud text on a page when pointed to in real time.
- Implemented Python and Tesseract.js, a Javascript port of the Tesseract OCR engine 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
Feb. 2017

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