

# Daniel Hsing

Full-stack JavaScript Developer, Student

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## VOLUNTEER / WORK EXPERIENCE

### Google Code-in Mentor

MetaBrainz Foundation Inc. 🔗

11/2017 – Present

A non-profit set up to build community maintained databases and make them available in the public domain.

#### Achievements/Tasks

- Created real-world code and documentation tasks for students to complete.
- Mentored students over the competitions 2 month period.

### Co-founder, Partner

EXLhub 🔗

11/2016 – 12/2017

Hong Kong

Creating products and services to transform the way students learn computer science.

#### Achievements/Tasks

- Contributed to initial product vision.
- Developed web prototype and proprietary intelligent web-based code editor.
- Guided team of developers to build production web platform.

### Vice President, Information Technology

Support! Intl Foundation 🔗

05/2015 – 11/2017

Hong Kong

Hong Kong's first youth-led NGO. Empowering youths to create opportunities and foster connections for individuals from all communities.

#### Achievements/Tasks

- Developed the first two iterations of the static website.
- Facilitated website migration to an established CMS.
- Managed and setup the organization's website analytics, file management service, project management platform, email service.
- Attended and contributed to leadership meetings.
- Collaborated with administrative and marketing teams on various projects and web campaigns.

### Software Intern

TingPark LLC

03/2016 – 07/2016

Hong Kong

#### Achievements/Tasks

- Developed feature finding program for identifying parking spaces in images.

## EDUCATION

### International Baccalaureate Diploma

Chinese International School

08/2010 – 06/2018

Hong Kong

### B.Sc. in Computer Science

Georgia Institute of Technology

08/2018 – Present

USA

## TECHNICAL SKILLS

JavaScript

React

Python

Node

Web Development

Java

TypeScript

Git

## PERSONAL PROJECTS

jeopardy (10/2017 – Present) 🔗

- Developed a web-based "Jeopardy" emulation that comes with a custom category and question form editor.

imgclip (10/2016 – 05/2017) 🔗

- Developed a command-line wrapper around the tesseract OCR that extracts text from images and copies it to the computer clipboard.

spf-express (08/2016 – 11/2016) 🔗

- Created an expressJS middleware function that intercepts and handles network requests to a web-server using Youtube's SPF framework.

submission (03/2016 – 05/2016) 🔗

- Developed an experimental Python online judge and work submission platform for use in a school environment.

## ACHIEVEMENTS

Google Code-in Grand Prize (11/2016 – 01/2017)

Grand Prize winner of Google's annual open source competition for high-school students. Over 1.4k students completed real-world tasks for 17 invited organizations and 34 winners chosen at the end.

CISPTA IT Award in Memory of Christopher Berrisford (06/2017 – 06/2017)

Award is given to a student who shows self-motivation, leadership, and excellent organisational skills related to information technology.

Hackathons (02/2016 – Present) 🔗

Participated and won prizes in seven of 10 local hackathons.

## LANGUAGES

English

Native or Bilingual Proficiency

Mandarin

Full Professional Proficiency

Cantonese

Limited Working Proficiency

## INTERESTS

open source

software education

web development

web performance

developer tools