

Daniel Hsing

Full-stack Developer, Student

Dedicated to improving software education and open-source initiatives



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Hong Kong 📍

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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

SKILLS

Web & JavaScript
Development



Python



Java



Go



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



Mandarin



Cantonese



INTERESTS

cryptocurrencies

open source

education

web

web performance

developer tools