Yen-Kai Hsing (Daniel)
Full-stack JavaScript Developer, Student

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EDUCATION

B.Sc. in Computer Science
Georgia Institute of Technology

08/2018 – 05/2022   *USA*

- Data Structures & Algorithms

VOLUNTEER / WORK EXPERIENCE

Google Code-in Mentor
MetaBrainz Foundation Inc. ☑

11/2017 – 05/18

- Formulated coding and documentation tasks related to the BookBrainz open-source JavaScript project for students to complete during the Google Code-in competition.
- Reviewed the task submissions of participants and gave them feedback/suggestions.

Co-founder, Front-end Web Developer
EXLhub ☑

11/2016 – 12/2017   *Hong Kong*

- Influenced the initial vision of the company.
- Programmed the front-end of the first iteration of the e-learning platform and online development environment using React.
- Planned and facilitated front-end architectural changes such as refactoring the codebase to use TypeScript and GraphQL.
- Coordinated with back-end developers on platform decisions and assigned tasks to other front-end developers.

Vice President, Information Technology
Support! Intl Foundation ☑

05/2015 – 11/2017   *Hong Kong*

- Programmed the first two iterations of the static website using Jekyll.
- Directed website migration to an established CMS. (Squarespace)
- Setup the organisation's website analytics, file storage provider, project management platform, mailboxes, and other cloud services.
- Collaborated with administrative and marketing teams on advertising and promotional material for events.

Software Intern
TingPark LLC

03/2016 – 07/2016   *Hong Kong*

- Developed feature-finding program in JavaScript for identifying and visualizing parking space coordinates in images.

TECHNICAL SKILLS

`JavaScript` `React` `Python` `Node`
`Web Development` `Java` `TypeScript` `Git`

ACHIEVEMENTS

Google Code-in Grand Prize Winner (11/2016 – 01/2017)
Grand Prize winner of Google's annual open source competition for high-school students. Over 1.4k students from 62 countries completed real-world programming tasks for 17 invited organisations and 34 winners were chosen at the end.

Hackathons (02/2016 – 05/18) ☑
Participated and won prizes in 7 out of 10 local hackathons. The most prominent award was the 1st place achievement at the 2016 Cathay Pacific Hackathon.

CISPTA IT Award in Memory of Christopher Berrisford (06/2017 – 06/2017)
Annual award is given to a student who shows self-motivation, leadership, and excellent organisational skills related to information technology.

PERSONAL PROJECTS

jeopardy (React, Firebase) ☑
- Developed a web-based "Jeopardy" emulation in React that comes with a custom category and question form editor.

imgclip (Node.js) ☑
- Developed a Node.js command-line wrapper around the tesseract OCR that extracts text from images and copies it to the computer clipboard.

spf-express (JavaScript) ☑
- Created an expressJS middleware function that intercepts and handles network requests to a web-server using Youtube's SPF framework.

submission (Angular, MongoDB, Node.js) ☑
- Developed an experimental online judge and work submission platform for Python code.

CLUBS / ORGANIZATIONS

RoboJackets (08/2018)
Open-source contributor to the organisation's Laravel admin web platform.

gt-webdev (08/2018)
Participant in weekly presentation/workshop sessions about web development.

MetaBrainz (11/2017)
Open-source contributor to the BookBrainz project and former Google Code-in mentor.

Foo/bar (HackClub) (01/2015 – 05/2018)
Leader of high-school "HackClub" at Chinese International School HK. Organized weekly workshops/presentations about web development and programming.

LANGUAGES

English
Native or Bilingual Proficiency

Mandarin
Full Professional Proficiency

INTERESTS / HOBBIES

`open source` `web development` `web performance`
`developer tools` `volleyball` `science fiction`