

# Yen-Kai Hsing (Daniel)

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## Skills

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JavaScript, React.js, Python, Java, Node.js, TypeScript, Web Development, Git, Go

## Education

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**Georgia Institute of Technology**, *B.Sc. Computer Science* 08/2018 – 12/2021 | Atlanta, GA, USA  
**GPA:** 3.93 **Courses:** Data Structures and Algorithms, Computing Org. and Programming

## Awards

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**Google Code-in Grand Prize**, *Google* 01/2017  
Grand Prize winner of Google's annual open source competition for high-school students with over 1.4k participants from 62 countries.

## Work/Volunteer Experience

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**Senior Developer**, *GT Bits of Good* 08/2019 – present | Atlanta, GA  
• Reinvigorated the existing volunteer management solution with a new design and mailing list features.  
• Cut down project size by 40% and iterated on the platform using React, Node.js, and MongoDB.

**Front-End Developer**, *Perlin Network* 01/2019 – 07/2019 | Hong Kong  
• Rewrote web interface for interacting with nodes in the Perlin network using TypeScript, MobX, and React.  
• Coordinated with backend programmers to create a WASM smart contract executor interface with custom parameters.

**Google Code-in Mentor**, *MetaBrainz Foundation, Google* 10/2017 – 01/2018  
• 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 provided feedback/suggestions.

**Co-Founder, Front-End Developer**, *EXLinc/EXLskills* 11/2016 – 12/2017 | Hong Kong  
• Influenced the vision of the company's educational platform  
• Programmed the front-end of the first iteration of the elearning 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.

## Organisations

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**RoboJackets**, *Member* 08/2018 – 05/2019 | Atlanta, GA  
Contributed to the organisation's admin web platform (written using Laravel/Vue.js) used for managing attendance, event signups, and other logistics.

**Foo/Bar (HackClub Chapter at Chinese Int'l School)**, *Leader* 01/2015 – 05/2018 | Hong Kong  
Organized weekly workshops/presentations about web development and programming.

## Projects

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**submissionds**, *made with Angular, MongoDB, and Node.js* 2016  
An online judge for Python code and work submission platform that I developed out of frustration from my high school's existing platform.

**jeopardy**, *made with React and Firebase* 2018  
Web-based implementation of the popular gameshow with a custom category/question form editor.