

Koji Hirai

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OBJECTIVE

Build academic and engineering skills along with real-life experience to major in aerospace engineering and become an electrical or aerospace engineer.

VOLUNTEER EXPERIENCE

Valley Children's Museum, Dublin, California

August 2019 - Present

- Volunteer at weekly and monthly events
- Create STEM-related activities

EDUCATION

Dublin High School, Dublin, California

August 2017 - June 2021

- AP Calculus AB
- AP English Language and Composition
- AP Chemistry
- Computer Science Principles
- Vice President of the Environmental Technology Club
- Captain of Gael Force Robotics Team 5327C

PROJECTS

Robotics Education and Competition Foundation 2018 Electronics Online Challenge— *Disassembly of a Kindle Paperwhite*.

- Disassembled a Kindle Paperwhite
- Analyzed the electronic components inside
- Wrote a report on the analysis of components
- [Access the Project](#)

SKILLS

Electronics, Circuits, Soldering

Federal Communications Commission Technician Class License

Robotics (2 years First Lego League, 4 years VEX Robotics)

Python, HTML, CSS

Arduino, Raspberry Pi

AWARDS

Robotics Education and Competition Foundation 2018 Electronics Online Challenge **Second Place**

2019 VEX Robotics World Championships **Create Award**

LANGUAGES

Fluent in English

Fluent in Japanese

Basic Chinese (Mandarin)