

## Education

---

### DUKE UNIVERSITY

CLASS OF 2023

**Computer Science, Economics Major**

**Chronicle, Design Team**

**Duke Debating Society**

**Round Table** Selective Living Group

**Lambda Phi Epsilon** Largest Asian-American Interest Fraternity **Publicity Chair**

### SAINT MAUR INT'L SCHOOL

CLASS OF 2019

**International Baccalaureate Bilingual Diploma**, Japanese and English

**Advanced Placement**, 8 Subjects

**High School Student Council**, President

## Experience

---

### INTERNSHIP

**Cydoc Medical Notes** – *Front End & Graphic Design Intern* **SUMMER 2020**

Worked on React and Semantic-UI front-end implementations through Javascript, with wireframe, branding & logo design.

**KKMani's Sprout Team** – *Financial News on Renewable Energy* **SUMMER 2019**

Worked on brand image, logo re-design and content display with Photoshop and Illustrator, HTML & CSS,

### RESEARCH

**Wolfram Summer Program** **SUMMER 2018**

*"Exploration of Fundamental Mathematics via Implementation of Common Axiom Systems and Proof Generation"* ([link](#)) using Wolfram Mathematica

**IB Diploma Extended Essay** **SUMMER 2017**

*"Evaluation of Optimization Algorithms for Machine Learning Applications"* ([link](#)) with Python, Numpy

### PROJECTS

**@Bezold\_Logo** Instagram page. Logo and branding.

**Duke Chronicle's** segment. "Duke Universi-tea." Logo design.

**Walk for Wuhan** coronavirus philanthropy event. Logo and branding.

## Skills

**Front End Web Development** React, JQuery, Javascript, HTML&CSS.

iOS App Development UIKit, SwiftUI

**Linux System Administration** Debian and ESXi & Virtualization based "homelab," a non-production hobbyist server at home for experimentation; Services included DLNA, OpenVPN, LAMP, etc.

**Mathematical computation** Wolfram Mathematica, Numpy

## Languages

Proficient in **C, Rust, Python, Wolfram Language, Swift, etc.**

Fluent in **English, Japanese, Korean**

**Navy Interpretation Officer** (2020~2022) for US-ROK combined exercises

**iBT TOEFL** : 119, **IELTS**: 8.5, **JLPT N-1**: Pass (175/180), **Korean National**