

# Eric Yu

eric.j.yu@outlook.com

 [github.com/yu-eric](https://github.com/yu-eric)

 [linkedin.com/in/ericjyu](https://www.linkedin.com/in/ericjyu)

# 801.505.2943

 Sandy, UT

## Skills

### Development

- Strong understanding of the object oriented paradigm and system development lifecycle

### Software

- 3+ years of experience with Java
- Proficient in web development (HTML/CSS/JS + Node.js), Python, and Unix environments (CLI/GUI)

### Project Management

- Experience using version control systems (Git), unit testing tools (JUnit), and build automation tools (Maven/Gradle) within workflow

### Leadership

- Acted as a team lead for local FIRST robotics chapter

### Languages

- Native fluency in English and Mandarin Chinese
- Proficient in Cantonese

## Education

### University of Utah 2019 - 2022

- 3.85 GPA, direct admission to the School of Computer Science
- Entered with an International Baccalaureate diploma

### Code to Success Jun - Aug 2018

- Six-week bootcamp learning HTML/CSS and Javascript + React to build over twelve applications

## Experience

### Research Assistant

Myers Research Lab  
Aug 2019 - Present

- Working at a University of Utah affiliated lab specializing in synthetic biology
- Currently working on a joint project between multiple universities to better the storage and standardization of genetic parts

### Energy Intern

Canyons School District  
Jun 2019 - Aug 2019

- Audited school sprinkler systems to collect water usage data
- Conserved over one million gallons of water through the programming of more efficient systems

## Projects

### SBOLExplorer

- Service that analyzes and searches for genetic parts within large repositories, built with Python/Flask.

## Volunteer Work

### Red Cross

2016 - 2018

- Member of the local youth services chapter, performed outreach to the community and fundraising for international charities