

Boyang Yu

(Authorized to Work in the U.S.)

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Email (School): yuboyang@usc.edu

Personal Website: zebraseller.github.io/boyang-portfolio-2/

GitHub: <https://github.com/ZebraSeller>

+ Education:

M.S. Computer Science

University of Southern California – Los Angeles, CA

Overall GPA: N/A

2023-2025

B.S. Material Science and Engineering with Minor in Computer Science

University of Illinois at Urbana-Champaign – Champaign, IL

Overall GPA: 3.81

2019-2023

+ Experiences:

Front-End Developer at I Fly Young CCE (HTML, CSS, React.js)

May 2023 - Now

- Maintained and updated a portion of the official website for the organization using react.
- Improved formatting and styling of the organization's website.

Android Engineer Internship/Part-Time at Synchrony Bank (Kotlin, Java)

May 2022- May 2023

- Worked on Android app for processing credit card payments, addressed bugs and implemented new features.
- Participated in an Agile development cycle, and collaborated with team members to complete tasks on time.
- Tested application for bugs, then documented and reported findings on the application behaviors.
- Implemented new UI and fragments for the app with asynchronous operations.

Front-End/Software Engineer Internship at Shoptaki (HTML, CSS, React.js)

June-August 2021

- Developed web applications. Designed & implemented UI components and web pages with HTML, and React JS.
- Collaborated with team members to create new components and pages for websites.
- Designed and Implemented a functioning, responsive Donation Page that accepts payments.

+ Projects:

Illinois Grades Vis (JavaScript, React.js, Node.js, mongoDB)

November-December 2022

- Worked with a team to create a full stack web application that visualizes grades data for UIUC courses.
- Created the frontend app with react, and implemented interactive visualizations such as charts and tables.
- Collaborated with teammates to setup routing and querying data for user search functions.

US Senate Record Analysis (JavaScript, React.js, MySQL, Node.js, GCP)

February-May 2022

- As team leader, coordinated the team's efforts and help designed the database model and its ER diagram.
- Developed the frontend with react, which can request data from the backend using HTML requests for display.
- Set up and maintained the MySQL instance on GCP, as well as routing on the backend Node.js server.

Boyang's Personal Website (HTML, CSS, React.js)

January-November 2021

- Created a mobile-friendly, responsive personal portfolio/info website that acts as an interactive resume.
- Utilized React.js, HTML, and CSS to create visual elements and improve user experience.
- Designed the structure, functionalities, and visual theme of the website.
- Website URL: <https://zebraseller.github.io/boyang-portfolio-2/>

+ Awards and Honors:

Robert E. and Karen Martin Luetje Scholar (UIUC)

April 2022

Dean's List of the Grainger College of Engineering (UIUC)

2020 – 2022

AP Scholar with Distinction

July 2019

President's Volunteer Service Gold Award

2016

+ Skills:

Soft Skills: Fast Learner, Teamworking, Critical Thinking, Problem Solving, Communication, Agile Development

Programming Languages: C++, Java, JavaScript, React.js, Node.js, HTML, CSS, C#, Python, MySQL, mongoDB, Kotlin

Software Development Tools: Git, Google Cloud, AWS, IriusRisk, Unity Engine, Unreal Engine

Data Analysis & Productivity: R, MATLAB, Excel, Word, PowerPoint, Google Colab

Digital Design / Art & 3D Modeling: Adobe Illustrator, Photoshop, Premiere Pro, 3DS Max, Blender

Language: English, Chinese (Mandarin)