

# Boyang Yu

(Authorized to Work in the U.S.)

Email (Personal): yuligent.ycg@gmail.com

Phone: (+1) 510-598-7828

LinkedIn: <https://www.linkedin.com/in/boyangyu/>

Email (School): boyangy4@illinois.edu

Personal Website: [zebraseller.github.io/boyang-portfolio-2/](https://zebraseller.github.io/boyang-portfolio-2/)

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

## + Education: .....

**B.S. Material Science and Engineering, Focus on Materials Computation and Theory  
with Minor in Computer Science**

Overall GPA: 3.79

**University of Illinois at Urbana-Champaign**

2019-2023

Courses Taken: Intro to Computer Science, Discrete Structures, Data Structures, Database Systems, Web Programming, Game Development, Matrix Theory, Differential Equations, Statistics and Probability, Atomic Scale Simulations

## + Experiences: .....

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

May-December 2022

- Worked on an Android application for processing payments, addressed bugs and implemented new features.
- Participated in an Agile development cycle, and actively collaborated with team members.
- Tested application for potential bugs and reported findings on application behaviors.
- Received returning offer to continue as a part-time intern during the Fall 2022 semester.

**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 PayPal.

## + Projects: .....

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

February-May 2022

- As team manager, designed the database model, its ER diagram, and coordinated the team's efforts.
- 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/>

**Unity Mini Game Projects (Unity, C#)**

2020-2021

- Created several mini games and functioning Windows builds using Unity.
- Developed game logics and functionalities such as vehicle control, and score counting using C#.
- Created most of the 3D and 2D visual assets using Photoshop and 3DS Max.

## + 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, Kotlin

**Software Development Tools:** Unity Engine, Visual Studio, Android Studio, Eclipse, Git, R Studio, GCP

**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)