

# KYLE ICBAN

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## Education

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### University of California, Los Angeles

Expected June 2022

B.S. Applied Mathematics · Computing Specialization

GPA: 3.8

**Courses:** Data Structures, Algorithms, Optimization, Graph Theory, Probability Theory

**Dean's List:** Winter 2019, Spring 2019, Spring 2020, Fall 2020

## Work Experience

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### Atlassian

New York, NY

Frontend Engineer Intern

Summer 2021

- Will contribute starting June 2021

### PeachPay, Inc.

Ames, IA

Frontend Engineer & Design Intern

August 2020 - December 2020

- Lead a project to redesign the company website at [peachpay.app](https://peachpay.app) to attract more users and businesses
- Built a new user interface for the [mobile app](#) increasing user engagement by 20%
- Worked on company branding with the growth team, helping them receive a **\$100k investment**
- Redesigned visual assets including the logo and other promotional artwork

### Enfinite Technologies

Los Angeles, CA

Full Stack Engineering Intern

August 2020 - October 2020

- Developed a [dashboard](#) to post data into DynamoDB, allowing clients to submit their own data
- Initiated a login authentication feature to track and save the data a client submits
- Built database infrastructure and wrote APIs for multiple projects
- Programmed a custom plugin to better handle large amounts of data on Grafana

### MIT Press

Cambridge, MA

Graphic Designer

April 2020 - July 2020

- Worked with Professor Achuta Kadambi and Professor Ayush Bhandari to design figures for their textbook
- Used **Figma** to create 40 figures about computational imaging, computer vision and machine learning
- Managed time in a **fast-paced environment**, delivering multiple figures on **2-3 days notice**

## Projects

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### Generative Art

- Wrote code to autonomously generate artwork like [graphs](#), [polygons](#), and [bubbles](#)
- Used the p5 library in Javascript and turtle library in Python

### Dungeon Delver

- Created an adventure game ran on the console using C++ ([.exe available for download on GitHub](#))
- Demonstrated knowledge of object oriented programming, recursion algorithms, and class inheritance

### Sports Store Application

- Developed a [data store](#) mimicking a company website, from browsing products to the checkout process
- Integrated Routing, REST API, and Pagination using React

## Skills

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**Languages:** JavaScript, Typescript, Python, C/C++, SQL, PHP

**Frameworks/Tools:** React, React-native, Node, Express, DynamoDB, MongoDB, Git, Linux, Bootstrap