KYLE ICBAN

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Education

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

Atlassian — *New York, NY*

Frontend Engineer Intern

· Will contribute in 2021

PeachPay, Inc. — *Ames, IA*

Frontend Engineer & Design Intern — *August 2020 - December 2020*

· Lead a project to redesign the company website at **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
· Communicated with the research group to confirm that the scientific information is accurate
· Depicted complex scientific topics in each figure, such as Rayleigh scattering and birefringence

Projects

Generative Art

· Wrote code to autonomously generate artwork like **polygons**, **bubbles**, and **spirals**
· 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

Languages: JavaScript, Typescript, Python, C/C++, SQL, HTML, CSS, LaTex
Frameworks/Tools: React, React-native, Node, Express, DynamoDB, MongoDB, Git, Linux, Bootstrap