KYLE ICBAN

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Education

University of California, Los Angeles   *Expected June 2022*
B.S. Applied Mathematics · Computing Specialization   *GPA:* 3.76

Courses: Data Structures, Algorithms, Optimization, Computer Organization, Probability Theory
Dean's List: Winter 2019, Spring 2019, Spring 2020

Work Experience

Atlassian   *San Francisco, CA*
Frontend Engineer Intern   *Summer 2021*

· Will contribute starting June 2021

PeachPay, Inc.   *Des Moines, IA*
Frontend Engineer & Design Intern   *August 2020 - Present*

· Lead a project to redesign the company website at **peachpay.app** to attract more users and businesses
· Built a new user interface and a more extensive unit testing infrastructure for the **mobile app**
· Reorganized the app layout for a better customer experience, increasing user engagement by 20%
· Redesigned visual assets including logos, graphics, and promotional artwork

Enfinite Technologies   *Los Angeles, CA*
Full Stack Engineering Intern   *August 2020 - October 2020*

· Developed a dashboard to post data into Amazon 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 **bubbles**, **spirals**, and **polygons**
· 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++, HTML, CSS, LaTex
Frameworks/Tools: React.js, React-native, Node.js, Express.js, DynamoDB, MongoDB, Bootstrap, Git, Linux