

KYLE ICBAN

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Education

University of California, Los Angeles

Expected June 2022

B.S. Mathematics of Computation · Philosophy Minor

GPA: 3.76

Courses: Data Structures, Algorithms, Optimization, Linear Algebra, Probability Theory, Real Analysis, Set Theory

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

Work Experience

Daily Bruin

UCLA, Los Angeles, CA

Software Developer

October 2020 - Present

- Visualized large datasets to enhance the interactive component of articles
- Scraped data with Python to be reinterpreted into compelling news articles

Senior Editorial Cartoonist

October 2018 - Present

- Lead illustrators and cartoonists to produce award winning content in both print and digital platforms
- Provided creative perspectives on newsworthy topics on human rights, social issues, and student life

PeachPay, Inc.

Des Moines, IA

Software Engineering & Design Intern

August 2020 - Present

- Rebuilt the mobile user interface leading to a more friendly and welcoming user environment
- Reorganized the app layout for a better customer experience, increasing user engagement by 20%
- Built new checkpoints for unit testing, enhancing the efficiency in which the team outputs code
- 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

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

GPA Calculator

- Developed a responsive calculator with warning and error indicators
- Showcased fundamental understanding on navigating the DOM using vanilla Javascript

Skills

Languages: JavaScript, Typescript, HTML, CSS, C/C++, Python, LaTeX, MATLAB

Frameworks/Tools: React.js, React-native, Node.js, Express.js, DynamoDB, MongoDB, Bootstrap, Git