

Akshit Annadi

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aannadi.github.io 

Skills

- Languages: Python, Java, Javascript, HTML/CSS, SQL
- Frameworks: Flask, React.js
- Web Application Design, Software Development Cycle
- Data Structures, Mathematical Analysis

Experience

MAY 2018 – AUG 2018

Software Development Intern / BottlesTonight

- Implemented the flow for users to reserve tables at nightclubs in the web application using React.js and Redux
- Used React.js to create a portal for club hosts to manage customer reservations
- Helped design HTTP requests to manage reservation data transfer to client-side application

FEB 2018 – MAY 2018

Software Development Intern / SaRA Health

- Used Flask to develop the SaRA web application, which provides a platform for patients to connect to their physical therapists outside of appointments
- Implemented customer engagement features including text and email reminders for patients
- Participated in a development cycle with thorough bug fixing, testing, and code review

SEPT 2017-DEC 2017

Research Assistant / Molecular Cell Biomechanics Laboratory

- Used bioinformatics software and basic scripting to investigate the role of mutation of the "Gle1" protein in human disease LCCS1

Education

AUG 2017 – MAY 2021

Electrical Engineering and Computer Science / UC Berkeley

GPA: 3.957

Relevant Coursework: The Structure and Interpretation of Computer Programs, Data Structures and Algorithms, Web Design Discrete Mathematics and Probability Theory, Multivariable Calculus, Linear Algebra & Differential Equations

Projects

Bear Maps

- Wrote the Java/Apache backend for an application that rendered maps of the UC Berkeley campus and surrounding area with zoom and drag features
- Used the A* search algorithm to show directions between two points on campus

BYoG

- Created a 2D tile game in Java accompanied with a board generating algorithm
- Implemented extra features including regeneration and game saving