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SERA YANG

LANGUAGES Java, Python, SQL, HTML, CSS, SWIFT, Javascript

WORK EXPERIENCE

BERKELEY INSTITUTE FOR DATA SCIENCE

August 2017 – Current

Working at BIDS (Berkeley Institute for Data Science) with Dr. Stefan Van Der Walt on an open source project to improve GitHub pull requests. Currently writing python scripts to build additional command line functionality and creating a bot to fetch pull request statics and information.

CODEBASE

August 2017 – Current

Working as part of a team to improve ResultCare. ResultCare is developing a data platform for medical professionals. Mainly working on upgrading their iOS and android apps with new designs and integrating social network features with with Node.JS, and PostgreSQL.

LILITOFU

June 2017 – August 2017

Worked as part of a team to use different frameworks and libraries to design, develop and test an iOS application. Mainly worked on location services, enabling a user to search different locations and mark all the locations on a map. Used various cocoa-pods such as GooglePlaces and backends such as JSON/RESTful API and Alamo-fire.

BREAKOUT MENTORS

June 2017 – September 2017

Worked with younger students to help them learn programming. Taught students fundamentals of Python and helped them develop applications and games from scratch.

EDUCATION

UNIVERSITY OF CALIFORNIA BERKELEY, BERKELEY, CA - BACHELORS OF SCIENCE

Expected graduation: 2019

GPA: 3.46, Data Structures, Discrete Math and Probability, Efficient Algorithms and Intractable Problems, Linear Algebra, Multivariable calculus, Web Design

 Organizations: Berkeley Institute of Data Science, Codebase, Codeology

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PROJECTS

PROJECT

Open source iOS application that allows users to project what they are drawing onto a website so that users can visualize any idea while video-chatting. Developed with firebase.

ESCAPE

First person video game. Player is trapped in a mansion and needs to interact with various objects and solve puzzles in order to escape. Developed on Unity in Javascript with a team of 3 members.

ALEXA NUTRITION TRACKER

Amazon Alexa application that keeps track of calories user consumed and provides dietary recommendations based on past consumption and user inputted personal data. Developed with AWS in Javascript with a team of 3 members.

SMALL CHATTER

Real time chat application that allows users to enter and talked to members of a specific room. Developed in Node.JS with socket.