Ji Zhang

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EDUCATION

Boston Unviersity

Bachelor of Arts: Computer Science (Major)/ Visual Arts (Minor). Kilachand Honors College

TECHNICAL STRENGTHS

Programming Language: Java, Python, C++, OCaml, Javascript, React, HTML
UI/UX Platform: Figma, Invision, Miro
Software: Android Studio, Jupyter Notebook, LaTeX, MS Office, Tableau
Tools: InDesign, Illustrator, Photoshop, Procreate
Languages: Mandarin, English, Korean

PROJECTS

Android Mobile Application (Find My Music)

The app allow users to take photos of front covers of music albums and then the app passes relevant data to Spotify to see if there are songs on Spotify for the user to sample. The app can display search/listen history and recommend songs based on user history. I worked on UI/UX design and integrated APIs into the app.

Web Application (Le Calendrie)

The project aims to create a web scheduling application that can workout conflicts with groups, determining common meeting time, and send reminders as necessary about meetings. My role in this project is UI/UX designer and frontend developer.

Web Application (PikaCourse)

The Web Application provides an integrated networking platform for students to meet/connect/interact with students in the same classes or shared similar schedules/tracks, to share & discover information about classes, and to manage their schedules/todo. My role in this project is UI/UX designer and frontend developer.

Big Data Processing in Python (Baystate Banner Voting Pattern)

The project's goal is to help Baystate Banner and DOT NEWS to find Boston Voting Pattern on ward-precinct level. The project involves data analyzing, graphing and visualization.

Big Data Processing in Python (Kaggle Competition)

The project's goal is to predict the star rating associated with user reviews from Amazon Movie Reviews using the available features. The project uses Natural Language Processing and Machine learning modeling

Build an Interpreter in OCaml

The project aims to understand and build an interpreter for a small, OCaml-like, stack-based bytecode language. The interpreter is implemented in OCaml

WORK EXPERIENCE

Grader for CS501

2021 Fall Semester in Boston University

Grade homework and tests for CS501 Mobile App Development class

Grader for CS506

2021 Fall Semester in Boston University

Help professors organize and grade homework and tests for CS506 Computational Tools for Data Science class

Course Assistant for CS237

2021 Fall Semester in Boston University

Help professor hold discussion sections, prepare class materials and grade homework/tests for CS237 Probability class

Neuroscience Research Assistant

Summer 2020 in Boston University

Help analyze lab mouse brian activity image using CaImAn and Jupyter Notebook.

Grader for CS237

2020 Spring Semester in Boston University

Grade homework and tests for CS237 Probability class

Teaching Assistant Internship

Summer 2019 in Shenzhen, China

Taught 3-year-old to 8-year-old children how to use Scratch and Arduino modules

ADDITIONAL WORK EXPERIENCE

Einstein Bagel Store Worker

2020 - 2021 in Boston University

Dining Service

2019 in Boston University