

Ivan Zhao

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EDUCATION

BROWN UNIVERSITY

BS IN APPLIED MATH AND
COMPUTER SCIENCE

Exp. May 2022 | Providence, RI
Pathway: Design and AI/ML
GPA: 4.0/4.0

LINKS

LinkedIn:// [ivan-zhao8](#)
Portfolio:// [ivanzhao8](#)
Github:// [zhaovan](#)

COURSEWORK

FALL 2019 - SPRING 2020

Intro to Systems
Deep Learning
Statistic Interference I
Machine Learning
Probabilistic Models

FALL 2018 - SPRING 2019

Data Structure and Algorithms
Discrete Structures and Probability
Functional Programming
Linear Algebra
Multivariable Calculus

SKILLS

PROGRAMMING

FRONTEND

- React
- Redux

BACKEND/DATABASE

- MongoDB
- Express
- Node
- Firebase

LANGUAGES

- Javascript
- Java
- Scala
- C
- Python

INTERESTS

- Rock Climbing and Golf
- Crosswords and Dogs
- Baking and Cooking

EXPERIENCE

INTUS CARE | FULLSTACK DEVELOPER

Oct 2019 - Present | Providence, RI

- Developed a REST API to handle adding, deleting, and updating patient, appointment, and task information using **Node, Express, and MongoDB**
- Created and deployed Login, Signup, and Dashboard pages in **React** for users to register and view their upcoming appointments or assign them to caregivers
- Designed app and database architecture by meeting weekly with the technical founder and presenting drawbacks and benefits of potential tech stacks

LOFTIUM | OPERATIONS INTERN

June 2019 - Aug 2019 | Seattle, WA

- Created a chatbot in **Javascript** using **Messenger API** that processed user queries, stored relevant information in a Google Sheet, and is currently used by the company to manage over **100 users** a day with an **18% conversion rate**
- Integrated third-party applications using **REST API's** in Javascript to post data from internal database to Hubspot, removing the need for manual data entry
- Presented bug changes, feature fixes, and design updates to current co-founders to improve overall UX flow on the website

RESEARCH

SEATTLE'S STARTUP ECOSYSTEM | STUDENT RESEARCH

Sept 2017 - May 2018 | Bellevue, WA

- Created and finished a year-long research project on social variables that contributed to tech entrepreneurship in the Greater Seattle Area
- Conducted in-person interviews and surveys, and then analyzed data through a **multi-variate regression model**

PROJECTS & ACTIVITIES

CASTYR June 2019 - Sept 2019

- Designed frontend framework for Castyr, a podcast web-player that solves issues in the industry around marketing, search engines, and community
- Developed and maintained functionality for social media posts, uploading and playing podcasts, and editing user profile
- Created pages and functionality with **React and Redux**, backend supported by **Node and Express**

WANDER Aug 2019

- Developed and implemented the frontend for Wander, a cross-platform mobile app, that allows users to create itineraries, add locations of interest, and view other itineraries made
- Utilized Google's **Search and Places API** to find cities and points of interest
- Frontend created using **React Native**, backend supported by **Firebase**

BROWN ENTREPRENEURSHIP PROGRAM | CREATIVE COMMITTEE

Jan 2019 - Present | Providence, RI

- Creating an entrepreneurship and design pre-orientation program for incoming Freshman by curating course content and designing and advertising posters,
- Working and designing an **online forum** that connects students at RISD and Brown on personal projects so that they can find team members easier