

# 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
- React Native

#### BACKEND/DATABASE

- MySQL
- Express
- Node
- Firebase

#### LANGUAGES

- Javascript
- Java
- Scala
- OCaml

## INTERESTS

- Rock Climbing and Golf
- Music (Cello and Vocals)
- Baking and Cooking

## EXPERIENCE

### 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

### NLYST | BUSINESS DEVELOPMENT INTERN

Jan 2019 - May 2019 | Providence, RI

- Restructured the new Nlyst website in **PHP** and improved the **UI/UX** by creating a blog and segmenting page structure
- Added segment tracking and improved SEO which led to the site appearing in first two pages on Google and increased conversion rate to **10%**
- Conducted market research on **100 college students** about their career interests and used Excel to create graphs to present to prospective companies

## 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**
- Chosen to present to the Bellevue Schools Foundation at the annual conference

## PROJECTS & ACTIVITIES

### CASTYR June 2019 - Present

- 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