

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

Artificial Intelligence

Statistics 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 and Musical Theatre
- 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 on Facebook and is now 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** to import data from the database to Hubspot, resulting in an increase in efficiency in workflow by **10%**
- 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 and improved the UI/UX by creating a blog, segmented page structure, and rebranded the colors for consistency
- 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 analyze data and presented information back to founder

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 sent 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 startup idea that's trying to solve issues in the podcast 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**

SOCIAL MEDIA CLONE June 2019 - July 2019

- Designed and implemented a cross-page web app that allowed users to create a profile, publish posts, and comment and like on all posts made by users
- Frontend created using **React and Redux**, backend supported by **Express and 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