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
Ordinary Differential Equations
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
• MySQL
• Express
• Node
• Firebase
LANGUAGES
• Javascript
• Java
• Scala
• OCaml
• Racket

INTERESTS

• Rock Climbing and Golf
• Music and Musical Theatre
• Baking and Cooking

EXPERIENCE

LOFTIUM | OPERATION ENGINEERING INTERN
June 2019 - Aug 2019 | Seattle, WA
• Created a chatbot with Javascript that processed user queries on Facebook and provided them with pre-built options. Currently used by company to manage over 100 users a day with an 18% conversion rate
• Integrated third-party applications through Zapier using REST API's. Resulted 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 | FRONTEND ENGINEERING INTERN
Jan 2019 - May 2019 | Providence, RI
• Restructured the new Nlyst website and improve the UI/UX by creating a blog, segmented pages, and rebranded the colors for consistency
• Added segment tracking and improved overall SEO of the site. Led to site appearing in first couple of pages on Google
• 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
• Conducted a year-long research project on social variables that contributed to tech entrepreneurship in the Greater Seattle Area
• Chosen to present to the Bellevue Schools Foundation

PROJECTS & ACTIVITIES

CASTYR June 2019 - Present
• Designed frontend framework for Castyr, a podcast web-player startup idea, on a team of 10 other Brown students
• Created pages and functionality with React and Redux

SOCIAL MEDIA CLONE June 2019 - July 2019
• Designed and implemented a cross-page web application that copies the format of popular social media apps such as Facebook and Twitter
• Frontend created using React and Redux, backend supported by Express and Firebase

SEARCH ALGORITHM March 2019 - April 2019
• Implemented a Scala-based version of Google's search algorithm with Page Rank, Term Frequency, and Inverse Document Frequency

ENTREPRENEURSHIP PROGRAM | CREATIVE COMMITTEE MEMBER
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 that they can find team members or partners more easily