

RYAN KIM

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EDUCATION

Brown University

B.S. Computer Science, B.A. Urban Studies

Exp. May 2022

Major GPA: 3.85/4.0

Relevant Coursework: Data Structures & Algorithms, UI/UX Design, Human-Computer Interaction, Computer Systems, Deep Learning, csciStartup, Statistics and Probability, Functional Programming

EXPERIENCE

Etsy

Software Engineering Intern

May 2021 - August 2021

New York, NY

- Part of the Shop with Confidence team to improve purchasing experiences for the site's 80+ million buyers
- Migrated existing listing variation options from jQuery to React and Redux to improve user accessibility
- Developed prototype of year-in-review feature for buyers as an extension of iOS app in SwiftUI and PHP

MojoTech

Software Engineering Intern

June 2020 - August 2020

Providence, RI

- Developed internal daily standup tracking tool for 60+ company employees using React, Redux, and Phoenix
- Introduced task listing features and global configuration support for CLI app in Node.js and JavaScript
- Migrated features from legacy REST API in Go to Elixir and demoed MVP internally within 2 months

Developer Experience Design Lab

Research Intern

June 2019 - August 2019

Fairfax, VA

- Built video annotation platform using React to accelerate research on software development practices
- Wrote scripts to format data for production build utilizing Google Sheets API for standardized input

PROJECTS

Castyr | Social Podcasting Platform

June 2019 - May 2021

- Marketed and rolled out Product Hunt launch in early June 2021, receiving 160+ upvotes on the platform
- Structured audio playback system using React Context global state to support site-wide media functionality
- Added OAuth 2.0 login functionality to REST API in Go with persistent front-end JSON Web Token support

Playlist Generator | Node.js Web App

April 2019

- Developed photo-based playlist generator with Spotify API in Node.js and JavaScript for HackDartmouth
- Integrated Google Cloud Vision API and implemented image color-mood algorithm to return relevant songs

ACTIVITIES

Hack@Brown | Co-Director

August 2021 - Present

- Organizing Brown University's largest student hackathon that attracts 500+ undergraduate students
- Supported the development of photo booth software and hardware for weekend event in late Winter 2020

Brown Student Radio | Radio & Podcast Co-Host

December 2018 - Present

- Co-host of *The Ball Boys*, a weekly basketball talk show that reaches 1,000+ listeners on FM broadcasting
- Organized show notes and managed social media presence to market podcast on external media platforms

SKILLS

Languages

JavaScript, Python, Java, C, Go, Elixir, HTML, CSS

Technologies

React, Redux, Node.js, MongoDB, D3.js, Phoenix, PostgreSQL

Tools

Git, Docker, Figma, Adobe XD, Adobe Photoshop