

JEREMY LEU

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EXPERIENCE

ROBINHOOD

Web Engineer

September 2020 – present

Menlo Park, CA

- Halved customer support tickets about updating users' phone number by implementing the UI of the unverified account recovery flow in React and TypeScript to verify users' identities and empower them to update their own phone numbers.
- Implemented for users on all platforms marked as pattern-day traders to learn about their account restrictions and to self-solve their restrictions, leading to a 21% reduction in customer support tickets about pattern-day trading.
- Reduced the bundle size of the core JavaScript bundle in Robinhood's web app by 10% by creating a Babel plugin to easily allow developers to mark lesser-used components to be lazily-loaded.

RUBRIK

Member of Technical Staff

May 2019 – August 2020

Palo Alto, CA

- Helped to bring Sonar, Rubrik's data classification SAAS product, to launch through the implementation of essential features throughout the stack. Key contributions include the Content Discovery report and the User Awareness UI.
- Mentored teammates about fundamental frontend development concepts, enabling the implementations of core UI features in React, TypeScript, and Apollo GraphQL.

LEETCODE

Software Engineer

November 2017 – April 2019

Palo Alto, CA

- Implemented key features in a comprehensive rewrite from scratch of the most trafficked page, the "question detail" page, on LeetCode.com in React with tens of thousands of daily active users.
- Designed and developed entire frontend of site notification system to poll backend for hundreds of thousands of notifications using Apollo GraphQL, React and local storage API to sync multiple browser instances and reduce redundant requests.
- Drove decisions regarding frontend tech stack (React, Typescript, Apollo GraphQL, LESS, CSS Modules) across team of approx. 10 engineers for all future projects.

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

B.S. Computer Science

Graduated in 2017

La Jolla, CA

GPA: 3.29

Coursework – Algorithms, Data Structures, Software Engineering, Human-Computer Interaction, Probability and Statistics

SKILLS

Languages JavaScript, TypeScript, Python, GraphQL, SQL


Frameworks and Technologies React, Vue, next.js, HTML5, CSS3, Django, Flask, node.js

PROJECTS

DOFUSLAB

React, TypeScript, next.js, Apollo GraphQL, Flask, Python, PostgreSQL

2020 – present

dofuslab.io 

- Founded and implemented DofusLab, an open-source equipment previewer and builder for the MMORPG Dofus, in team of two developers and one designer.
- Crowd-sourced translations for three other languages, received hundreds of US dollars in donations, and averaged 800 daily and 8,000 monthly active users in its first year.

HARROWHOLD SIGNUPS

node.js, MongoDB, React

2018

- Developed Harrowhold Signups, a node.js web application designed to facilitate and organize signups for a 20-man raid in the MMORPG TERA Online recurring weekly.
- Reduced sign-up times for 20+ weekly users by approx. 70% by saving the users' information compared to Google Forms.
- Integrated with Airtable API for administration and organization, and published weekly signups with an integrated Discord bot implemented with node.js using Discord.js.