

erisliu

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Software Engineer

- 3 years full stack software engineering experience working with web servers (Node.js), front-end frameworks (React), web performance, API design, and product engineering in Javascript and Python
- Collaborative engineer committed to working within teams and cross functionally to ship high quality, scalable code
- Experienced with rapidly building out and iterating on products coupled with A/B experiment design

Employment

Pinterest

Software Engineer (Logged Out Product / Search Traffic)

May 2019 – Jan. 2022

- Shipped key parts of Node.js web server migration resulting in platform-wide performance improvement of 2% for first contentful paint
- Lead project to build modular ideas pages (pinterest.com/ideas) as part of content strategy to deliver authoritative and updated content for unauth users and search bots
- Worked closely with design to rapidly iterate on front-end React prototypes for ideas pages
- Built and maintained internal tool leveraging MySQL and Python to manage content on ideas pages and allow international stakeholders to curate content and translate content for top level ideas

Pinterest

Software Engineer Intern

May 2018 – Aug. 2018

- Spearheaded project to rearchitect and redesign unauth profile, leading to 20% increased signups, 10% increased total traffic, and 15% increased average session length
- Migrated profile routing and resources from legacy framework to pure React for 5% improvement in page load speed

Activision Blizzard

Software Engineer Intern

May 2017 – Aug. 2017

- Added new functionality and streamlined existing behavior for networked projectile tracking
- Expanded networking capabilities in the D2 engine by developing networked authority-gated events for individual clients
- Communicated closely with designers to expedite engineering support for the creation of key gameplay features/code using C++

Education

Brown University

Sc.B. Computer Science and Applied Mathematics

Providence, RI

2015-2019

Skills

Programming: Javascript/Typescript, Python, SQL, HTML/CSS, Java, Bash, C++

Technology: React, Redux, Node.js, PostgreSQL, Flask, Git

Languages: English (Fluent). Mandarin (Fluent), Korean (Basic)