

RICHARD YANG

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EDUCATION

University of California, Los Angeles

Sept. 2017 - June 2021

B.S. Computer Science / GPA: 3.54

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Systems, Programming Languages, Scalable Internet Services, Compilers

EMPLOYMENT

Yahoo!

Sunnyvale, CA

Production Engineering Intern

June 2019 - Sept. 2019

- Grouped Yahoo Mail components into groups based on their function. For each group determined a set of mandatory reported metrics, created dashboard templates for each set of mandatory metrics, and set threshold values for each metric that would alert the entire team to investigate.
- Added 10+ current components team was responsible for and made it easier for future components to be on-boarded onto our monitoring platform by automating the entire process.
- Overhauled authorization system of key Node.js internal tools to meet stringent internal security standards.

Mesmer

Palo Alto, CA

Software Engineering Intern

July 2018 - Sept. 2018

- Implemented and deployed operational platform used to create and monitor client environments. Set up a serverless backend using Kubernetes to interact with AWS. Scaffolded a React/Redux frontend to interact with the backend. Tool provided first insights to consistency of product results and cut maintenance time by 4 hours a week.
- Benchmarked solutions to be used in product implementation, leading to complete replacement of key architecture components.

EXTRACURRICULAR ACTIVITIES

Daily Bruin · Bruinwalk Director

Present

- Leading a team of 10 developers and designers to manage popular professor and apartment review website for UCLA students, with 50k average monthly visitors.
- Current initiatives include setting up a CI/CD pipeline, migrating the frontend from templates to React, and improving the UI/UX of the site with user research and A/B testing.

Daily Bruin · External Sites Director

- Created and led new external sites team for the Daily Bruin, producing two dozen feature pages.
- Standardized the infrastructure of feature page creation to use Gatsby.js and Typescript. Modularized development work flow by building a custom React component library.
- Enabled writers to write articles using Google Docs and easily specify where in their article certain custom interactive elements.
- Coordinating efforts between our design, photography, and writing departments, created a website for our lifestyle magazine, PRIME, which won the 2019 Online Pacemaker from the Associated Collegiate Press.
- Trained over a dozen developers how to best work under the new infrastructure through presentations, written guides, and code reviews throughout the year.

SKILLS

Languages: C++, JavaScript, TypeScript, HTML/CSS, SQL, Java, Python, Bash, Ruby

Technologies: React/Redux, Kubernetes, Prometheus, Gatsby.js, Git, D3.js, Rails, Django, Flask, Node