Aykan Fonseca

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Education

University of California, San Diego
September 2014 - June 2018

Math - Computer Science B.S., Political Science minor

Experience

Workday - Software Engineer
October 2018 - Present

- Building a monitoring system using React.js and Python to improve cross-team problem detection and data analysis.
- Reduced MTTD & MTTR by ~40% and saved $10,000+ by automating 4 workflows.
- Designed frontend for 57% faster render and simplified UX for cross-team usage.

Housecall - Software Engineer Intern
October 2017 - January 2018

- Improved onboarding for speed, ease of use, conversions.
- Improved Invoice system with a 21% faster start time using React.js.
- Upgraded CSV migrations for QuickBooks and Yelp booking using Ruby / Rails.

Projects

Triton Courses

- Created an intuitive course planning web app using React.js, Python, and Firebase.
- Features include seat-fill rates, custom analytics (grade distributions, seat counts, etc.), clean UX, export options, custom themes, and more. Handles ~6000 classes / year.
- Beta had 219 users, 4.8/5 rating, and scheduling time decrease of 32%.

Oasis Social Network

- Led a team of 10 to build Oasis, a social network, using React.js and Electron.
- Coordinated teams to create E2E encryption, an analytics dashboard, and ads. Used Sketch to design features and FullStory to review feature usage.
- Won 1st place (of 14) as judged by a client for an engineering class.

Mover Uber / Muber

- Led a team of 6 to build a React Native mobile app to share vehicles for moving.
- 86% retention rate, reduced time to move by 16%, and saved $1500+ for users.

Skills

Technical: Python, C++, Java, React.js, HTML, CSS, JavaScript, SQLite, TravisCI

Product: Human-Centered Design, Sketch, OKRs, Entrepreneurship, User Interviews, Agile