Khoi Bui

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EXPERIENCE

Workday — Pleasanton, CA
Software Engineer III — *Feb 2018 - present*

- Motivated full-stack developer in the Performance, Resiliency, & Scalability organization.
- Frequent contributor of Workday's portable regression testing framework called SkyLab, which enables engineering teams to easily automate volume testing and visualize results via a Scala Play web app. Over 150 such systems are currently deployed for dozens of teams within Workday.
- Project lead for SkyLab Inventory - a system that provisions, deploys, and monitors SkyLabs across a fleet of bare metal servers. This tool is integral in the timely delivery of our software to end users and for the observability features it exposes to our team and other stakeholders.
- Successfully delivered project for Workday's Prism Analytics product, optimizing joins and unions for large data sets leading to a runtime reduction of more than 70%.
- Authored Golang tool for Prism Analytics group that aids with the configuration of development environments for new hires - streamlining the onboarding process for the majority of the organization.
- Participated in over a dozen interviews with potential interns/new grads and provided technical mentorship for junior and senior developers.

Workday — Pleasanton, CA
Software Engineer Intern — *June 2017 - August 2017*

- Developed Scala Play module to aggregate and visualize regression test results as sparklines collection. This module has since been pushed to production and utilized regularly by developers using SkyLabs.
- Refactored over 5,000 lines of Java code to Scala, lightly employing functional programming concepts while preserving overall functionality and readability.

IGT — Austin, TX
Software Engineer Intern — *June 2016 - August 2016*

- Authored Python application for transforming standards compliance reports to spreadsheets. This substantially improved turnaround time for compliance projects across the technology division by 80%.

EDUCATION

University of Texas — Austin, TX
B.S. Computer Science, Business Minor — *Aug. 2013 - Dec. 2017*

- **UTCS Ambassador:** Introduced prospective students and parents to the Department of Computer Science through guided tours and coffee chats. Conducted interviews for incoming ambassadors and led planning for sponsored events.
- **TexasTHON:** Connected with local businesses to secure donations for an annual 24-hour dance marathon. Consistently volunteered with the student-run philanthropy throughout Austin to raise awareness and funding for Dell's Children Medical Center.

SKILLS & INTERESTS

Languages & Technologies: Golang, React, Scala, AWS, Ansible, Python, MySQL, Docker, TeamCity, Git

Interests: REST API's, machine learning, film reviews, functional programming, web dev, basketball