

Employment

Software Application Engineer II, Adoption

Workday, Inc.

August 2016 - Present

- Collaborated with PM to design and improve the Adoption product by contributing to design and customer feedback sessions and providing UX suggestions that were incorporated into the product.
- Built Usage Metrics dashboard for PMs and identified bad Workday Usage Metrics data in Stats Warehouse.
- Built robust Adoption Planning and Adoption Navigator features which were quickly adopted by 150+ customers as the second developer on the team.
- Implemented the web service operations for Adoption Planning and took on the role of Web Service Advocate.

Software Application Engineer I, Financials

Workday, Inc.

April 2015 - August 2016

- Designed and implemented schema changes in the Project Budget Engine to show precise calculation details and updated processing for each billable transaction type to improve performance.
- Drove the company-wide refactoring effort (A2) for the Financials Projects team leading to 100% compliance for the large code base ahead of schedule.
- Built and delivered over half a dozen Executive Scorecard implementations for my team and presented them to directors and VPs.
- Worked in a team using Agile Methodologies and Test-Driven Development to improve efficiency and quality of feature delivery.

Software Application Engineer Intern, Financials

Workday, Inc.

June 2014 - September 2014

- Built an application in Workday that visualizes project calendars for project managers.
- Worked independently to develop a mobile implementation of the project view for the Workday mobile app. The app was showcased on the Workday website and presented to executive and VP-level stakeholders.

Education

B.S. Computer Science

University of California, Davis

March 2015

Research Assistant

University of California, Davis

January 2015 - June 2015

- Individually developed the [Virtual Front View](#) Android application which streams camera output from one Android device to another utilizing the WIFI-direct protocol and collects data about the reliability of the protocol.
- Reliability was calculated by measuring latency and packet loss in relation to physical distance between devices; data was collected using WireShark and by modifying RTP packet headers.
- Part of NSF-supported project: [User-Centric Sensing and Distributed Control of Corridor Transportation Networks](#).

Projects

MyOwnFeed

[Web](#) and [Android](#) application displaying a configurable feed of up-to-date news stories stored in a Postgres SQL database, running on an Apache Tomcat server, processed by Spring, displayed using Android and Thymeleaf, styled with Material Design, and deployed onto Heroku.

CastAwake

Android application implementing an alarm clock that when triggered automatically casts a web dashboard to the user's television utilizing Google Cast framework.

Spree - Speed Reader

Implemented a Rapid Serial Visual Presentation technique to allow users to read .txt and .epub files as well as scraped web articles with configurations such as WPM, word-chunks and punctuation pauses. Free and Paid versions available on [Google Play Store](#) with over 5,000 downloads and 4+ star reviews.

Portfolio Website

Built portfolio website in HTML, CSS and Javascript. Built with Material Design Lite.