

Employment

Senior Product Manager

Machine Learning

Workday, Inc.

April 2021 - Present

- Developed and launched a machine learning-based Anomaly Detector ([Journal Insights](#)) which has helped 100+ Workday Financials customers monitor millions of monthly Journal Lines in real-time in order to shorten their period-end close and mitigate financial risk in its first year.
- Developed and launched a machine learning-based Anomaly Detector ([Expense Protect](#)) which has helped 50+ Workday Expenses customers identify and correct errors in employee submitted expenses in its first six months.
- Initiated a strategy to pivot from supervised learning to unsupervised learning model which reduced time to value by 90% and increased adoption by 200%.
- Initiated a strategy of using clusters and thresholds to show the most anomalous instances within a cluster which reduced total results by 98% in order to improve discovery, reduce user fatigue and increase engagement.
- Developed an explicit feedback strategy to improve relevance of anomalies by boosting similar true positive and hiding similar false positives, as well as showing what feedback was submitted on similar lines.
- Developed and presented a proposal to VP and Sr. Director of ML for an innovative Financials Search feature leading to a go-forward decision.

Product Manager

Machine Learning

Workday, Inc.

April 2019 - April 2021

- Developed and launched a machine learning Predictive Account Scoring solution used by Sales and Marketing to prioritize and assign accounts leading to an anticipated 15% increase in win rate and reduced time to close a deal.
- Presented go-forward recommendations to end-of-life a legacy ML feature to key stakeholders.

Senior Associate Product Manager

Machine Learning

Workday, Inc.

April 2018 - April 2019

- Managed development and release of the Workday Graph which is the foundational infrastructure for Workday's [Skills Cloud](#) which powered several ML-based HCM and Recruiting applications in recent years.
- Developed strategy for data analyst team to label the large data sets of potential skills to ensure alignment with goal.
- Presented two breakout sessions, at Workday Rising 2018 in Las Vegas, to hundreds of customers on the topic of machine learning, the Workday Graph and the Skills Cloud to generate excitement and increase adoption.
- Developed, documented and evangelized the new machine learning development process across the ML org.

Software Application Engineer I/II

Financials, Adoption

Workday, Inc.

April 2015 - May 2018

- Developed Adoption Planning and Adoption Navigator features which helped 150+ customers plan for and adopt new Workday features to get the most value from their subscriptions.
- Developed the Executive Scorecard application to allow Project Managers to more easily track key metrics about their projects.
- Worked independently to set up the foundational infrastructure for brand new Adoption product.

Education

B.S. Computer Science

University of California, Davis

March 2015

Research Assistant

University of California, Davis

January 2015 - June 2015

- 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.
- Part of NSF-supported project: [User-Centric Sensing and Distributed Control of Corridor Transportation Networks](#).

Projects

Spree - Speed Reader

Android App

March 2014

- Developed, released and marketed Android App that helps users read faster and stay focused using Rapid Serial Visual Presentation.
- Over 16,000 downloads with almost 2,000 paid.