Mihir Tiwari

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EXPERIENCE

Salesforce | Member Of Technical Staff
San Francisco, CA
Governance Lifecycle Uplift Enablement Team — Aug. 2020 – Present

- Led design and implementation of MVP for a new tooling framework that enables product managers to run governance campaigns within Salesforce
- Added new features to MVP based on external team requirements and wrote designs for future improvement

Salesforce | Associate Member Of Technical Staff
San Francisco, CA
Secure By Default Team — Jan. 2020 – Aug. 2020

- Implemented new security rules in Python scanning tool that parses Salesforce objects' access checks and reports privilege escalation vulnerabilities
- Integrated the above tool into Salesforce's build process by working with multiple process-owning teams and deploying a Maven plugin

Salesforce | Software Engineering Intern
Indianapolis, IN
Marketing Cloud Einstein — May 2019 – Aug. 2019

- Determined why customers' Einstein Engagement Scores data had rapid fluctuations day to day and using data analysis techniques found the best algorithm for smoothing the time series data
- Implemented the time series smoothing algorithm in production code and reduced variance in scores by up to 5x for some customers

Evernote | Software Engineering Intern
Redwood City, CA
Growth Infrastructure — May 2018 – Aug. 2018

- Discovered critical design flaw in existing microservice used for managing A/B experiments, led design and refactor of codebase to remediate the flaw using Java

PROJECTS

Honest Commerce
May 2020

- Most Creative award at Salesforce Core Engineering Hackday for Chrome extension that uses Smart Contracts to stop hoarding and scalping of in-demand goods
- Built backend with Python Flask for the API and Solidity for Smart Contracts

JamBot
April 2021

- Slack bot that searches the Salesforce codebase, returns the code location and file history for the query, and allows result filtering within Slack itself
- Built bot and backend search logic using Python and Slack APIs

EDUCATION

Purdue University
B.S. Computer Science
Minor in Management and Mathematics

Graduated Dec. 2019 | West Lafayette, IN

SKILLS

Languages (in order of proficiency)
Java · Python · C · SQL · Javascript · HTML · CSS

Technologies (in order of proficiency)
Salesforce Apex · Git · Flask · Maven

COURSEWORK

Machine Learning
Artificial Intelligence
Computer Networks
Analysis of Algorithms
Operating Systems
Compilers
Computer Architecture
Web Information and Search Mgmt
Real Analysis
Statistical Methods