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Curran Bhatia

Experience

Salesforce, San Francisco - Software Engineer

`March 2021 - PRESENT` **`MTS`** `on` **`Automation Platform`**

- Working on full stack feature development for Salesforce's Flow Builder (no-code business process builder) and Flow API writing java in Salesforce's core app and Typescript with Salesforce's front-end framework Lightning Web Components.
  - Implemented trigger order mechanism allowing Salesforce Admins to decide order of their flows. Featured in Flow's Spring 22 Sneak Preview: Flow, Orchestrator & Next Best Action – UnofficialSF (see Trigger Order section)
  - Planned and implemented drag and drop menu to change trigger order of flows in Flow Trigger Explorer
  - Investigated and prototyped potential new fullstack features.

`July 2018 - Jan 2020` **`AMTS`** `| Feb 2020 - March 2021` **`MTS`** `on` **`Internal Tools`**

- Wrote java code in metrics maven mojo of Salesforce's core app in order to add features and improve functionality of build metrics stack.
  - Created aggregate build event logs file that could be picked up by Splunk - enabling thousands of autobuilds to be tracked
  - Routed metrics to Postgres DB via proxy server. Added functionality to proxy server via python to receive build data.
- Wrote python scripts to delete unwanted dependencies and track dependencies in pom files
- Contributed to on-going migration of Salesforce Core App from maven to bazel, including modifying source code generators and configuring annotation processors.
- Taught course for incoming engineers on internal tools. Taught in San Francisco, Nova Scotia, and Tel Aviv.

Projects

Smart Contract Mini-Project - `2022`

Used ganache to simulate a local blockchain. Deployed a Solidity smart contract to the blockchain that adds two numbers together and displays the sum. Wrote a front-end in Javascript and React that takes the two numbers in and executes the contract and then queries the blockchain for the result afterwards.
https://github.com/currankbhatia/smart-contracts

Phylogenetic Trees - `Spring 2016`

In python, compared DNA in species to create ancestry trees, Phylogenetic Trees. Implemented sequence alignment score to judge most similar DNA. https://github.com/currankbhatia/BioProj

Education

University of Illinois at Urbana-Champaign - Statistics and Computer Science

`August 2014 - May 2018`

Activities: Association of Computing Machinery, Enactus (Social Entrepreneurship), Orientation Leader
Study Abroad at the University of Edinburgh - Spring 2017

Languages

Java, Python, SQL

Activities

Mentor at Techquitable Futures since Summer 2021. Helping prepare underrepresented college students break into Tech. https://www.techquitable.io/