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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 Javascript 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)
  - 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
- Wrote java code in maven mojo to add ability of other teams to create their own directory within mojo and list list out third-party dependencies to disallow in core app
- Contributed to on-going migration of Salesforce Core App from maven to bazel
  - Converted java code source generators from maven to bazel
  - Configured annotation processors from maven to bazel. Raised issue on bazel's open source project: https://github.com/bazelbuild/bazel/issues/11992 leading a reviewer to create issue in Open JDK-8256826 .
- Taught course for incoming engineers on internal tools. Taught in HQ (SF), Nova Scotia, and Tel Aviv.

Projects

StockData - `2016-2017`

In python, created analysis tools to identify potential buying or selling opportunities in the S&P 500.
https://github.com/currankbhatia/StockData

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, Javascript, SQL

Activities

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