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# Curran Bhatia

## Experience

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### 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 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
  - Planned and led implementation of 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

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### 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

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### 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

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### Languages

Java, Python, SQL

### Activities

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