Christian Jarani

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Motivated, early-career software developer looking to expand my existing toolkit and learn anything new I can get my hands on! I am a great team member who values communication and maintaining productive professional relationships.

Technical Skills

- **Languages**: Java, Typescript, HTML, CSS, Bash
- **Technologies**: Git, MySQL, TypeORM
- **Frameworks**: Angular 2+, Node.js, Hyperledger Fabrics

Professional Experience

- **Tata Consultancy Services, Ltd.** *Client: Apple, Inc., Software Engineering Consultant*
  February 1, 2019 - December 11th, 2019
  - Developed a proof-of-concept app for a supply chain management (SCM) platform using the Hyperledger Fabrics framework as part of the IS&T B2B Integration Team.
    - Defined network organization based off Apple's supply chain security group definitions.
    - Developed blockchain API's in the Golang programming language
    - Helped drive IS&T team's decision to develop an enterprise-scale SCM platform backed by a blockchain data structure
  - Performed task automation on a Linux-based architecture using Bash/Ansible and developed flow services on the WebMethods middleware platform.
    - Participated in weekly discussions concerning backlogged pipeline issues
  - Currently awaiting new project assignment

- **Tata Consultancy Services, Ltd.** *Front End Developer, Business Solutions Unit*
  August 6, 2018 - January 31, 2019
  - Developed full-stack web applications for the customer demo and internal tooling teams. My role was primarily front-end focused, with some back-end development experience.
    - Leveraged Angular 7 to create loosely-coupled front-end components using the Material component library and dependency injection for services.
    - Utilized the filter design pattern to remove boilerplate in our HTTP service.
    - Created back-end entities and controllers using Node.js and TypeORM.
    - Assisted in designing flow diagrams/wireframes with UI/UX developers.

- **Tata Consultancy Services, Ltd.** *Drone Labs Intern, Drone Lab Initiative*
  August 6, 2018 - January 31, 2019
  - Developed an Android application to using OpenCV object detection algorithms to analyze open spaces in a parking lot.
    - Trained machine learning algorithms using Harr cascade classification.
    - Utilized Google Maps pins to create navigable path for DJI drone
    - Utilized SQLite for database to store Harr XML's and drone paths.

Education

- Computer Science, B.S. *3.23 GPA, University of Pittsburgh, April 2018*
  - CS1651 Advanced Systems Software: implemented a modified Bitcoin architecture in Java
  - Additional Courses: CS0445 Data Structures, CS1501 Algorithms, CS1699 Computer Graphics