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, C, Typescript, HTML5, CSS, Bash
- **Technologies**: Git, MySQL, Postgres, TypeORM, Postman, Hyperledger Fabrics, Ansible
- **Frameworks**: Angular 2+, Node.js

Professional Experience

- **Apple, Inc.** *Software Engineering Consultant, IS&T Integration Team*

  February 1, 2019 - Present
  - Developed a functional demo for a supply chain management application using the Hyperledger Fabrics framework.
    - Infrastructure as code: used Docker yaml files to define high-level network architecture and entity ownership
    - Developed blockchain API (smart contract) using the Go programming language
    - Presented demo application progress weekly to the Integration Team leads
  - Automating server configuration tasks on a large-scaled Linux-based distributed architecture in Bash and Ansible.
    - Participating in daily standups and led end-of-sprint discussions during weekly infrastructure reviews

- **Tata Consultancy Services, Ltd.** *Full Stack Developer, Business Solutions Unit*

  August 6, 2018 - January 31, 2019
  - Developed full-stack web applications for the customer demo and internal tooling teams with some development experience in the back-end.
    - Leveraged Angular 7 to create dynamic, reactive front-end components using the Material component library
    - Designed/developed API's for client-server communication
      - Debugged API functionality using Postman
    - Created back-end entities and controllers using Node.js and TypeORM in conjunction with existing PostgreSQL/MySQL databases
    - Assisted in designing flow diagrams 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 demonstrate various OpenCV detection algorithms through a DJI Drone's live video feed
  - Trained machine learning algorithms using Harr cascade classification

Education

- Computer Science, B.S. *3.32 GPA, University of Pittsburgh, April 2018*
  - CS1651 Advanced Systems Software: implemented a modified Bitcoin architecture
  - Additional Courses: CS0445 Data Structures, CS0449 OS I, CS1501 Algorithms, CS1502 Formal Methods in Computer Science