

SUNAINA ALURU

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Masters in Computer Science student with ~ 2 years of experience as a Software Engineer developing, testing, and maintaining large scale distributed applications. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team. Seeking a summer internship to continue my learning and continue contributing to impactful products.

Languages | Golang, Python, JavaScript, GraphQL, AJAX, JSON, HTML, CSS, SQL

Frameworks & Libraries | Flask, jQuery, Bootstrap, Jinja, Matplotlib, NumPy, Pandas, ReactJS

Database/Industry Tools | Google Cloud Platform, Dockertopia, PostgreSQL, OracleDB, Git, GitHub, Command Line

EXPERIENCE

Software Engineer

April 2019 – January 2020

Suki AI | Redwood City, CA

- Designing, developing, maintaining, and testing Golang microservices for use with both iOS and web applications.
- Built backend microservices to provide additional features to Suki's products. Features were new integrations with Electronic Medical Record systems' APIs and with Suki's ML voice platform software. Features are used by both internal and external users.
- Migrated the entire frontend API framework from HTTP to GraphQL and owned the development of GraphQL testing library for ~150 endpoints.
- Work closely with product managers and QA team to develop the features end to end for high user satisfaction.
- Experience in release processes, sprint planning, and best practices for software development.

Software Engineering Fellow

January 2019 – March 2019

Hackbright Academy | San Francisco, CA

- Project: PatientConnect
 - A full stack web application that allows users to search for currently active/enrolling clinical trials by medical condition or by zip code. PatientConnect integrates data and features from ClinicalTrials.gov API and Google Maps API.
 - Technologies: Python, JavaScript, Flask, SQLAlchemy, PostgreSQL, AWS Lightsail, Nginx, HTML, CSS, Bootstrap, JQuery
 - GitHub link: <https://github.com/sunainaluru/PATIENTCONNECT>

Data Analyst, Information Management Office

July 2017 – January 2019

Genentech | South San Francisco, CA

- Analyst Lead for Global Cancer Clinical Trials Dashboard:
 - Designed and developed a root cause analysis process to solve issues: Investigate Qlik backend code/calculations, write queries for Oracle DB to explore data and identify issue, make a data merging decision in Master Data Management System to remediate issue
 - Data Analysis & Reporting:
 - Create Python scripts to automate the generation of statistical analysis reports on vendor data quality resulting in improved team efficiency and an improvement of data quality by 10-15% over 2 Quarters
 - Ad Hoc Data Delivery:
 - Lead requirements gathering with users, developing an understanding of complex data sets and querying data to provide accurate data extracts to users. Rapidly deliver extracts to users in 1-2 business days.
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EDUCATION

Northwestern University, McCormick School of Engineering, Class of June 2022

M.S. in Computer Science

Hackbright Academy, San Francisco, CA, Class of March 2019

Software Engineering Program

University of California at Davis, Class of 2017

B.S. in Biomedical Engineering, Minor in Computer Science