SARANG VADALI

sarang.vadali@gmail.com | (925) 216-1829

EDUCATION

UC IRVINE
BS in Computer Science
Expected June 2022
Irvine, CA

DUBLIN HIGH SCHOOL
Graduated June 2018
Dublin, CA

COURSEWORK

UNDERGRADUATE
Past: Data Structures(ICS 46), ML & Data Mining (CS 178), AI (CS 171), Data Mgmt. (CS 122A), Computer Org. (ICS 51)
Planned(2020-2021): Algorithms (CS 161), OS (CS 143A), Databases and Web-Apps (CS 122B)

TECHNICAL SKILLS

Languages: Python, C++, Puppet, SQL, Assembly, HTML & CSS, Javascript
Concepts: Agile Methodologies, Git Collaboration, Terminal, Unit Testing, OOP
Frameworks/Platforms: Rsyslog, Powerapps, Flask, Flow, Docker, Kubernetes
In-Progress: React, Node.js, MongoDB

LINKS

https://sarangv.github.io/

https://tinyurl.com/sarang-linkedin

https://github.com/sarangv

WORK EXPERIENCE

SALESFORCE   San Francisco, CA | https://www.salesforce.com
Software Engineering Intern on Monitoring Agent Team, June 2020 - Current
Accolades: Salesforce Trailhead Park Ranger
EVENT-FLATTEN:2 LOG SHIPPING SCHEMA, Schemas provide metadata for log events which help with querying/monitoring specific fields
- Wrote the second version of the "Event-Flatten" schema in order for customers to be able to have additional fields, more structured logs, and higher precision indexing.
using **Puppet, Rsyslog, Log & Metric Shipping Pipelines, JSON**
GRAFANA SUPPORT TOOL, Grafana is a visualization tool utilized in Monitoring to provide dashboards and alerts for various metrics
- Implemented tool to post templates directly to Grafana with their generated JSON structure in order to view information much more effectively.
using **Grafana APIs, Argus**

VAGARO INC   Dublin, CA | https://www.vagaro.com
IT Engineering Intern, June 2019 - September 2019
NEW EMPLOYEE ON-BOARDING AND MANAGEMENT , On-boarding is the process of helping your company's new hires adjust to the social and performance aspects of their jobs as quickly as possible.
- Developed a Business Process Flow on Employee On-boarding/User Management, which automated the process to handle new employee tasks and company employee privileges along with a company organization browser
EXPENSE REPORTING, Reporting expenses and requesting reimbursements ensures that the company's financial records are accurate and employees are repaid for company costs
- Worked on Employee and Manager Self Service Expense Reporting application flow that allowed employees to send expense reports to managers and finances, managers to approve/send back reports, and finances to send reimbursements back to employees with Xero API.
using **Microsoft Powerapps, Powershell, Flow, SharePoint, Active Directory, REST APIs**

PROJECTS

Stutor (May 2016) using **Android Studio, HTML & CSS, Javascript**: Android application developed to properly match a student with other student tutors based on several optimizations. Website for school administrators to regulate plagiarism and ensure maximum efficiency of tutors was also included.
Twitter Chatbot (November 2018) using **Python, Twitter API**: Worked with Twitter API to create various methods that could retrieve specific data about one's home timeline or any public user's timeline. Concepts tested include parsing queries, manipulating lists and dictionaries, and accurately using the python-twitter modules.
Minesweeper AI (April - June 2020) using **Heuristic Problem Solving, Probability, Predicate Logic:** Extended Artificial Intelligence principles to develop a tool to solve various Minesweeper boards. Solution is capable of solving 8x8 boards with 75% accuracy and 16x16 with 60% accuracy.

LEADERSHIP EXPERIENCE

Corporate Organizer for HackUCI(April 2020 - Current): Responsible for gathering sponsors for HackUCI as well as helping with logistics of events the club hosts.
President of Indian Subcontinental Club (May 2020 - Current): In charge of the largest cultural club which hosts numerous cultural, social, professional and philanthropic events for the students attending UCI.