

Tarini Sahay

Sunnyvale, CA | (408) 702-8758 | tarinisahay2001@gmail.com | <https://www.linkedin.com/in/tarinisahay>

EXPERIENCE

Software Engineer Intern @ RapidAI

08/2021 – 09/2021

- Tools used: TypeScript, GitHub, Confluence, Jira
- Developed script to map keys from multiple JSON files and return overlaps between the files
- Developed script to automate consolidating and changing columns from Google Sheets
- Impact:
 - Organized and improved the current infrastructure by writing code to prevent overlaps in information among different teams
 - Created script to consolidate information sheets for existing software to read it with higher accuracy

V&V Engineer Intern @ RapidAI

07/2021 – 08/2021

- Tools used: TestRail, Jira, Confluence, Microsoft Office Suite, Google Suite
- Consolidated design and product specs for testing
- Created performance metrics for builds and releases
- Impact:
 - Streamlined the V&V team's testing process by presenting repeated test cases and test cases that were shared between the platform and cloud side.
 - Measured the performance of the cloud apps team from development to release, to increase efficiency and identify areas of improvement

Team Lead/Technical Project Manager @ Arizona State University Biodesign Institute

01/2021 – Present

- Leading a project and research paper on phylogenetics to understand how body size evolution affects cancer prevalence in mammals, sauropsids, and amphibians
 - Using ML regression plots of ancestral state reconstruction, using fastAnc, contMap, dplyr, etc

Research Assistant @ Arizona State University Biodesign Institute

04/2020 – 01/2021

- Working with a team of 20+ undergraduate and graduate students, and researchers at [Arizona Cancer Evolution Center](#)
- Using R and Excel to filter, organize, and display data
- Performing statistical and graphical analysis using R as well as created models for analysis
- Led tutorial on phytools package for 18 lab members
 - Topics included: Brownian motion, creating and understanding graphs, and creating vectors

SKILLS

Java, MATLAB, C++, R-programming, Python, Linux, SQL, TestRail, Jira, Confluence, Microsoft Office, Google Suite, Typescript, GitHub, Javascript, Agile methodologies, plan driven methodologies, Astah, Microsoft Projects

EDUCATION

Arizona State University - Tempe, AZ

08/2019 – Present

Computer Science, BS

-- Dean's List (GPA > 3.5)

-- Anticipated graduation: December 2022

PROJECTS

Pediatric Automation Tool

- Elected role of Product Manager
- Tools used: Jira, Microsoft Projects, Astah, Java, GitHub
- Project idea: reduce paperwork and increase accessibility of patient records
- Impact: Led team to successful creation of product, developed software, guided team through project timeline

Autonomous Robot

- Led and collaborated with 3 other students in building and coding a robot for its [autonomous navigation](#)
- Tools used: Lego Mindstorms with NXT, MATLAB
- Wrote code for robot to initialize and understand different inputs given through it through color sensors
- Debugged and optimized other students' code
- Managed project from initiation to completion
- Impact: Gained experience as manager, gained software development, testing, and deployment experience