

Githika Annapureddy

San Jose, CA | 650-924-5104 | gannapur@ucsc.edu | [linkedin.com/in/githika-annapureddy/](https://www.linkedin.com/in/githika-annapureddy/) | github.com/githika99

OBJECTIVE

Aspiring software engineer looking for an internship to utilize my front-end, back-end, or full stack development skills.

EDUCATION

Bachelor of Science, Cognitive Science, Minor: Computer Science

University of California, Santa Cruz

Santa Cruz, CA

Expected 12/2024

3.90 GPA; Dean's List 2021-Present, College Scholars Program, Neurotech CS Club

Notable Classes: Data Structures and Algorithms, Probability Statistics, Computer Systems and C Programming

TECHNICAL SKILLS

Python, HTML, CSS, Javascript, Angular, Figma, SQL, C, C++, PyTorch, TensorFlow, Snn Torch, Pandas, Power BI

WORK EXPERIENCE

Web Developer

06/2023 – Present

Tech4Good Lab

Developed front-end Angular UI components from Figma high-fidelity prototypes using HTML, CSS, and TypeScript;

Utilized back-end technologies such as Observables, RxJS, and Firebase to implement web platforms

Data Analyst

06/2023 – 09/2023

Tech4Good Lab

Produced statistical analysis of surveys using Python (pingouin/statsmodels) from UCSC courses to understand student interest in computing better; UMICS data analyses (cronbach's alpha, CFA, clustering) and ran cluster-specific analyses

Data Analyst/UX Specialist

03/2023 – 06/2023

UCSC Cognitive Modeling Lab

Analyzed patterns in user data to improve accuracy of software simulation of human driving; Ran user tests for virtual driving task; Understood users' mindsets as they encountered challenges and incorporated these insights in the simulator

Student Facilitator

01/2022 – 06/2022

Education for Sustainable Living Program, UCSC

Led two weekly classes of 12 students each; Created curriculum, taught material, assigned and graded homework, and led class discussions; Facilitated students in projects to improve campus sustainability which UCSC Admin accepted

Assistant Site Administrator

06/2021 – 08/2021, 06/2022 – 08/2022

Adventures in Writing Camp

Managed staff of 20 and 200+ students; Coordinated all staff communication; Worked with parents on children's academic and social growth; Engaged with children academically and emotionally; Primary administrator for after-camp program

Founder & Leader

06/2020 – 08/2020

Girls Who Code Summer Python Classes

Created, advertised, and organized an introductory Python Summer Camp for 40 middle schoolers; Created curriculum and taught classes 2x per week for 7 weeks and delegated tasks to 4 others; Engaged students over Zoom

PROJECTS

Online Music Player - Python Spotify API

08/2023

Created a Python-based Spotify Integration with real-time collaborative listening sessions with Flask and WebSocket technology, allowing multiple users to queue songs; Integrated OAuth2 authentication for secure user access

Sales Insights Power BI Project

08/2023

Developed an interactive Power BI dashboard to track revenue effectively; Utilized MYSQL for data cleaning and merging

COVID Cases ML Predictor

08/2020

Created an ML program to predict COVID rates in India using PyTorch and TensorFlow; Developed a feedforward network algorithm that leveraged data from 266 other countries/regions and predicted the most recent 5 days of COVID-19 cases