Pranav Uppiliappan

4694 Persimmon Pl • San Jose, CA 95129 • pranav612@ucsb.edu • 408-557-0680 • https://sweworkin.github.io/

Education

University of California Santa Barbara (Honors College) Santa Barbara, CA
De Anza College/Foothill College Cupertino, CA
Majors: Economics, Computer Science
Relevant Coursework: Data Structures and A., Obj. Oriented Prog. Java/Python, Interm. C++, Intro x86 and Computer Organization, Financial Statement Analysis, Microeconomics, Macroeconomics, Intro SQL, Statistical Economics.

Experience

Decision Minds Milpitas, CA
Software Engineering/Project Management Intern 07 2023
- Initiated a data observability platform for data engineering insights to gain insights on tasks. Aggregates and presents data presented in legacy tools like Airflow. Technologies used: AWS, React, and Flask.

UC Santa Barbara Economics Santa Barbara, CA
ME Advisory Board Member 05 2023 – Present
- 1 of 4 board members overseeing all **300+** economics students using financial budgeting and organizing events.

Investment Advisory Committee Junior Analyst
- Works as a Junior Analyst for the Investment Advisory Committee working on Discounted Cash Flow models and other methods of financial analysis to find opportunities in the **Consumers** sector

Pragnya (non-profit) Milpitas, CA
Head of Marketing and Finance 10 2018 – 06 2022
- Led the marketing and financial transactions of events hosting **200+ persons**, worked on congressional initiatives pertaining to first responder autism legislation with Congressman **Ro Khanna** and Assemblyman **Kansen Chu**
- Collected over **$5000** from sponsors and organized events. Host of a radio show involved in political news/autism acculturation; increased show participation by **50%.** Worked on budgeting using Excel.

IT Seers Cupertino, CA
Software/Data Engineering Intern 06 2019 – 08 2019
- Automated Python code to recursively web crawl using Beautiful Soup, used multi-threading for speed optimizing. Cleaned raw HTML data and worked on ETL data pipeline to transport data to S3 buckets

VMware Palo Alto, CA
Software Engineering Internship Immersion Program 07 2018 – 08 2018
- Utilized Java with engineers on parallelization and multi-threaded technologies, related to virtualization technology.

Projects

Spring REST API for S&P 500 data 03 2022 – 06 2022
- Deployed on **AWS** Elastic Beanstalk using the spring framework, with auto-scaling and load-balancing on **EC2** instances and stored data using DynamoDB, has **3000+** endpoints. Uses 7 values from income statements to earnings

Machine Learning Chord Progression Generator 01 2022 – 03 2022
- Designed a chord progression generator using a machine learning algorithm with **TensorFlow** with 18 chord progressions in Major/Minor scales. Changes mood of chord progression (happy vs sad) based on user optimization

Leadership & Awards

Future Business Leaders of America/Speech and Debate 01 2019 – 07 2019
- **1st place** 2019 State Championship and **2019 National Finalist** for the Business Financial Plan category
- Created Financial plan for small business; created balance sheets, income statements, and **future cash flow models**
- **2nd place** University of the Pacific Jon Chambers tournament, Extemporaneous Speech **Finalist** at SCU tournament

Cupertino High School MIT LaunchX Club 08 2019 – 06 2020
- **Vice President of Finance**, responsibilities included budgeting, event planning, and other administrative duties.

Skills & Interests

Technical: Java, Python, AWS technologies, Spring, Flask, JavaScript, C++, C#, React, Docker, Git, Solidity, Economic Analysis, Investment Analysis, Office 365, Excel, Financial Modelling
Interests: Singing Indian classical Carnatic Music, Music production on Logic Pro X, Cooking, Making Pizza from scratch