

AMOGH MAKAM

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SUMMARY

Analytics Engineer Intern with hands-on experience in developing data pipelines using Python and SQL. Achieved data modeling and predictive forecasting as a Data Analyst Intern while also delivering technical workshops and tutoring Python. Demonstrates clear communication, positive energy, and continuous learning, eager to build scalable data solutions and drive actionable insights.

SKILLS AND INTERESTS

- **Technical:** Python, SQL, R, Java, HTML/CSS, Prompt Engineering (Vertex AI), Generative AI (text + multimodal)
- **Data & Analytics:** Data Analytics, Data Modeling, Data Science

PROFESSIONAL EXPERIENCE

ACM(SJSU CS Club)

Aug 2025 - Present

Event Lead

- Coordinated and organized speaker events, company networking sessions, hackathons, and technical workshops.
- Managed event logistics to ensure smooth execution and high-quality experiences for participants.

Humans in Space

Jun 2023 - Aug 2023

Data Analyst Intern

- Analyzed patient data sets to identify trends and support orthopedic specialists in understanding musculoskeletal injury patterns, leveraging SQL for data transformations.
- Implemented data models and forecasting techniques using Python, dedicating over 50 hours to accurately predict recovery times.

Silicon Valley4u

Feb 2021 - Nov 2023

Tutor

- Taught Python to 5+ elementary and middle school students per week in order to help develop their mindset of STEM in this world, especially Computer Science.
- Developed a framework of lesson plans in order to teach students on various concepts and topics of coding.
- Communicated with the organization and students weekly in order to schedule classes, provide vital feedback, and assess student progress.

EDUCATION

San Jose State University

Data Science

- **GPA:** 3.87
- **Coursework:** DSA, Big Data, Applied Probability & Stats, Statistical Programming(R), Discrete Math, Linear Algebra

PROJECTS

Financial Market Analyst MVP

Jul 2025 - Sep 2025

- Built an AI-powered pipeline that scraped financial data (news, SEC filings, earnings PDFs), stored embeddings in FAISS, and applied RAG (LangChain + OpenAI) to generate insights.
- Automated daily financial briefs using CrewAI agents for scraping, retrieval, and summarization, delivered via text/Slack.
- Tech Stack: Python, PyMuPDF, FAISS, LangChain, OpenAI API, CrewAI, APScheduler.

VOLUNTEER WORK

Under 19 USA Cricket (West Zone Representative)

- Lead bowler in the spin-bowling department.
- Navigated through the opponents batsmen and got them out in order for team success and victory.
- I have over 9 years of experience.
- Experienced many ups-and-downs, learned the value of determination, patience, and the ability to perform under any condition.

Heart to Heart Foundation

Jul 2023 - Sep 2023

Volunteer Initiative

- Hosted Sunil Gavaskar(Internationally famous retired Cricket Player) at my house to fundraise for kids who suffer from congenital heart defects.
- Fundraised \$35,000 for nonprofit through conducting outreach to 500+ individuals, which led to sponsoring 14 free surgeries for kids in underdeveloped areas.
- Coordinated all logistics (communication, catering, and timing) to put on a successful event for 80+ attendees.