Aarush Aitha

Aspiring computer scientist and passionate about AI research. Machine learning enthusiast, data science connoisseur, obsessive mathematician.

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EXPERIENCE

Google, Mountain View, CA — *Incoming Intern*

July 2021 - August 2021

Will be interning at Google's Computer Science Summer Institute (CSSI), a prestigious program for incoming college freshman planning to pursue a four-year degree in computer science.

Stanford University, Stanford, CA — *Research Intern*

June 2020 - PRESENT

Worked on a project involving the identification and quantification of differences between SARS-CoV-2 Genomes. Published a 20 page paper to the Informaticists Journal. Continuing further oncology research with the Ji Research Group at Stanford University.

Infinilytics Inc., San Ramon, CA — *Data Science Intern*

June 2019 - August 2019

Completed tasks involving data retrieval and enhancement from text-based databases such as HappyBase and MySQL, as well as graphical databases such as Neo4J. Used RegEx to recognize specific byte locations and dates within an unstructured insurance claims file.

EDUCATION

UC Berkeley, Berkeley, CA — *Bachelors of Science, EECS*

August 2021 - May 2025

Dublin High School, Dublin, CA — *High School Diploma*

August 2017 - June 2021 (GPA: 4.50)

AP Calculus AB/BC, AP Physics, AP Chemistry, AP Biology. AP Statistics

PUBLICATION

Identifying and Quantifying Differences Among SARS-CoV-2 Genomes using K-mer Analysis

Stanford STEM to SHTEM (The Informaticists Journal for High Schoolers)

SKILLS

- Machine Learning Engineering
- Artificial Intelligence
- Python, Java, C++
- Algorithmic Programming
- Leadership

AWARDS/HONORS

Presidential Service Award (Bronze) - for outstanding contributions to the Spandana Foundation

National AP Scholar

CryptoHacks Category 1st Place - programmed a survey that uses machine learning to diagnose mental health issues

2020 Bay Area Regional Science Olympiad Competition- 3rd place

VEX Robotics Skills Challenge - CA Top 10

VEX Robotics - Excellence Award @ DRC Competition

LANGUAGES

English - Native/First Language

Spanish - Working Proficiency