

Aarush Aitha

Aspiring computer scientist and passionate about AI research.

5603 Bellevue Circle
Dublin, CA 94568
(925)-336-4049
aarush3002@gmail.com
github.com/aarush3002

EXPERIENCE

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.

Beginner Python Course, Dublin, CA — Founder/Teacher

March 2017 - August 2020

Developed a comprehensive 100-slide curriculum for a beginner Python course, then taught a 12 week course to over 35 students from around the Bay Area.

EDUCATION

Dublin High School, Dublin, CA — High School Diploma

August 2017 - June 2021

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

Las Positas College, Livermore, CA — Concurrent Enrollment

June 2018 - May 2020.

Introduction to Structured C++, Object Oriented Programming in Java

PUBLICATION

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

Stanford STEM to SHTM (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