Anwesha Ghosh

Career Goal: Apply biophysics on computer science to give back to the community and preserve Earth

Skills

Arduino Hardware, Wireshark Network Analyzer, Digital Steganography, Cryptography RSA Centralized, Python, Bash, HTML & CSS, C++, iMovie Editor, Windows/MAC OS/Linux Operating System Security, VSC Software

Work Experience

JUNE 2021 - PRESENT

Eta Carinae NonProfit, Dublin – *Cofounder*

- ● Oversee the administration, programs and strategic plans ● Fundraising, marketing, community outreach and maintaining tax exempt status ● Maintaining records and financial processes ● Organize events to give back to the community

JUNE 2020 - AUGUST 2020

Amplo Global Inc., NJ – *Management Analyst Summer Intern*

- ● Gathered and organized information on problems or procedures, specially on Cyclone Amphan at Sunderban ● Analyzed data gathered and developed solutions or alternative methods of proceeding. ● Conferred with management and users about distribution, and identified improvements

Volunteer Experience

AUGUST 2016 - PRESENT

Trivalley CoderDojo, Livermore – *Cybersecurity and Python Mentor*

- ● Provide private instruction to individual or small groups of students to improve educational skills in python and cybersecurity ● Develop teaching or training materials, such as handouts, study materials, or quizzes. ● Recommend textbooks, software, equipment, or other learning materials to complement tutoring

Education

AUGUST 2020 - PRESENT

Dublin High School, Dublin (CA) – *Diploma In Progress*

- ● Current Cumulative GPA: 4.08 (W) with past/current courses (AP CSP, AP Bio)

Awards

- ● 1st Place and Project Planet Award at Alameda County Science and Engineering Fair
- ● California State Science and Engineering Fair Nominee and Honorable Mention
- ● Destination Imagination Globals Finalist 3 times and Da Vinci Award 3 times
- ● Science Olympiad Codebusters and Water Quality as 6th Place in California

Extracurricular Activities

STEM:
- ● Destination Imagination - (6 years as team member)
- ● Cybersecurity Competitions such as CTFs and Cyber Patriot - (4 years as Captain)
- ● Science Olympiad - (2 years as Red Team Member)
- ● Science Fair Participant (2 years with awards)
- ● Tutoring middle school students in the sciences (1 year)
- ● Biology Olympiad - (1 year as competitor)

Community Service:
- ● Founder of Eta Carinae Nonprofit for creativity and giving back to others
- ● TriValley CoderDojo - (6 yrs as Mentor & 1 yr and Student Leadership Council Member)

Other:
- ● Bengali Creative Dance Academy - (5 years as dancer)
- ● Varsity Track Athlete - (4years as 400M/High/Long/Triple Jump)