

APURV SRIRANGAPATNAM

High School Student

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☎ (425)-205-9421

📍 Seattle, WA

WORK EXPERIENCE

Volunteer Instructor

Empowering Strides

- 📅 2022 - Current 📍 Woodinville, WA
- Volunteered for 75+ hours
- Tutored new volunteers in stable maintenance, horse well-being practices, and paddock management
- Assisted neurodiverse youth who faced behavioral, emotional and/or cognitive challenges to understand their emotions through the action of horse riding

PROJECTS

Varsity Member

Bothell High School Science Olympiad

- 📅 2022 - Current
- Participated in Divisions B & C for a total of 6 years
- Competed in a variety of events that spanned multiple different categories, allowing me to provide input on multiple topics
- Life, Personal, and Social Science: Forestry and Ornithology
- Physical Science and Chemistry: Forensics, Crimebusters, and It's About Time
- Technology and Engineering: Simple Machines, Sustainable Energy
- Inquiry & Nature of Science: Fermi Questions and Codebusters

Division B Regional Test Writer and Proctor

Author

- 📅 March 2024
- Researched and wrote the Division B Washington regional test for Crime Busters
- Set up equipment such as powders, metals, liquids, as well as chromatography
- Ensured participant safety through the enforcement of lab practices such as goggles, wafting, flame safety, etc
- Assisted in the grading of tests for multiple events such as Crime Busters, Dynamic Planet, Optics, etc

Ocean De-acidification Independent Research

Researcher

- 📅 2022 - Current
- Designed an experiment to evaluate the results of hydrolysis and photolysis on seawater to the effect of reducing ocean water acidity and utilizing the bi-products to create HCl
- Summarized research findings in a presentation and lab experiment to coincide with the first step of my research
- Identified flaws in current experimental procedure and design, and I'm seeking mentorship to evolve my research

CAREER OBJECTIVE

Aspiring natural science researcher seeking a position that uses my extensive background in chemistry and computer science to help advance my research methodologies and develop applicable solutions to real-world problems

EDUCATION

High school diploma

Bothell High School

- 📅 2021 - current
- 📍 Bothell, WA
- 📖 4.0 GPA

Awards

- Outstanding Scholastic Award, Cross Country
- Outstanding Scholastic Award, Track and Field

Relevant courses

- AP Chemistry
- AP Computer Science Principles
- AP Computer Science Applications
- AP Calculus AB

ACTIVITIES

- US National Chemistry Olympiad School Chapter
- Varsity Member, Science Olympiad
- Member, DECA
- Chapter Officer, FBLA
- Chapter Officer, Debate Club
- Founder, Model UN School Chapter
- Member, National Honor Society
- Member, Rowing

SKILLS

- Critical Thinking Skills
- Leadership
- Java
- PowerPoint
- Microsoft Applications
- Proficient in English and Tamil, Advanced in Spanish