

Pravir S. Chugh

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EDUCATION

University of California, Los Angeles

Expected June 2026

- Bachelor of Science, Computer Science
- Activities: Nova for Good, ACM Hack/AI, UCLA Backpacking Club
- Coursework includes: Introduction to Computer Science I, Calculus of Several Variables

Issaquah High School, Issaquah, WA

June 2022

- GPA: 3.99
- HS Activities: AI Club (Treasurer), Math Club, Chemistry Club, Science Olympiad
- External Coursework through Coursera: Algorithms Specialization, Machine Learning, Linear Algebra

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML/CSS, JavaScript, React.js (ongoing), C++ (ongoing)

ACTIVITIES AND EXPERIENCE

Young Data Scientists League

November 2020 – August 2022

Student Ambassador

- Analyzed Python code from a student's point-of-view so that it could be understood by participants in the Young Data Scientists Quest Bootcamp, a five-week camp with over one-hundred high-school and middle-school participants.
- Provided valuable perspective for the Content, Marketing, and Program teams.
- Contributed heavily to participant guides and support requests.
- Partnered with industry professionals to develop and narrate data science concepts for Quest Bootcamp videos.
- Wrote Python scripts to be included in Bootcamp weekly videos which analyzed a variety of data sets.
- Co-designed the main website through Squarespace and accentuated design aspects through code injection.

Jupyter Notebooks for Data Visualization – Park Tudor School

November 2019 – March 2020

Student Leader

- Collaborated with math/computer science and biology teachers to help other high school students use Python libraries for data visualization in their science classes with a school-wide scope.
- Created templates that incorporated advanced STEM concepts in an easy-to-use framework. Planned to create lesson plans that incorporated these concepts in AP Computer Science Principles classes.

PROJECT

MathematicalTools

September 2020 – November 2020

- Designed and implemented the website prototype, containing a variety of resources designed for high school students to use in their calculus and statistics classes. Technologies used included HTML/CSS, JavaScript, and TensorFlow.js.

AWARDS & HONORS

- U.S. National Chemistry Olympiad – Honors (Top 150 Nationwide)
- U.S.A Computing Olympiad – Silver Qualifier
- Airforce Association CyberPatriot – Platinum Division
- Two-time AIME Qualifier (2020 AIME I Score: 8)
- ACSL Finals – Intermediate Team
- Represented Washington State at ARML 2019 (Top 10 Team at UNLV).