

ARNAV PANDEY

<mailto:arnavpandey@gmail.com> . (925)-968-8939

[LinkedIn](#) [Portfolio Website](#)

EDUCATION

California High School - San Ramon, CA - August 2020 - Present

Unweighted GPA - 4.0/4.0, Weighted GPA - 4.33 (Cumulative) 4.56 (grade 10-12)

Courses 2022 - 2023: AP Calculus AB, AP Computer Science Applications, AP Statistics, AP US History, English 11, Principles of Engineering

Foothill College - Los Altos Hills, CA - December 2020 - Present

Courses: CS3A - Object-Oriented Programming with Python

Big Data at Berkeley - Online - October 2021 - December 2021

Learned how to handle data with the help of Python libraries like Numpy and Pandas and was able to work with current students at UC Berkeley.

EXPERIENCE

Cal Commit - Online + San Ramon, CA

- **President: Sep. 2022 - Present:** Organized a nonprofit that introduces students to the world of computer science by teaching students Python, Git, and the GitHub software, allowing students to build foundations in collaboration and be effective team workers.
- **Workshop Host: Jan. 2023 - Present:** Taught Python and Git various events like Bay Area Hacks 2023 and Git Init 2023. Workshops consisted of fundamentals of the programming language of Python and Version Control.
- **Course Instructor: Feb. 2023 - Present:** Helped create content for the Complete Python Course, which consisted of necessary concepts for success in the Python Programming Language. Helped create an introduction to the course and helped proofread and created the final project for the course.

Tech Optimum - Online

- **Former COO: (Jul. 2022 - Nov. 2022):** Leveraging experience from 20+ hackathons and many languages to help lead a non-profit organization trying to help young students with finding their path in computer science.
- **Podcast Host: (Aug. 2022):** Hosted Tech Optimum Talks, which brought CEOs of startup companies trying to make a change in the world and interviewed them on their motivations and their likes and dislikes.

Web Developer - Online

- **Intern at Super Purposes: Jun. 2022 - Feb. 2023, Nebulus: Apr. 2022 - Nov. 2022:** Used knowledge of Web Development (HTML, CSS, Javascript) and Full-Stack Web Development to work with a team of developers and maintain the website and content of the respective companies.

Hackathon Organizer - Online + San Ramon, CA

- **Git Init 2023 (Jan. 2023), Tech Optimum Hacks (Jul. 2022):** Organized two hackathons that had 300 participants and more than \$40,000 in prizes. Both hackathons had over 50 submissions and over 300 participants.
- **Epoch Bay Area (Dec. 2022), Cal Hacks (Mar. 2022):** Organized two in-person hackathons with over 40 participants along with more than \$1,000 in prizes.

Judging - Online

- **Unlock Hacks: (Jan. 2022), Bay Area Hacks: (Feb. 2023):** Leveraged experience from hackathons and personal projects to guide hackers and give feedback on all projects and ratings to determine the winners.

Mentoring - Online + San Ramon, CA

- **Bay Area Hacks: (Feb. 2023), Gunnhacks 8.0: (Feb 2022), Unlock Hacks ii: (Apr 2023):** Helped hackers debug and solve problems that existed in their projects, and also provided feedback to the projects.
- **SRVUSD Imagineering Program, California High School: Nov 2021:** Used knowledge of Python and programming to help younger generations overcome problems, answer questions, and help with concerns during the 3-day Introduction to Python

Clubs - San Ramon, CA

- **STEMPower: (Aug. 2022 - Present):** Helping various students in elementary school learn about various STEM topics after school in Neil Armstrong Elementary School.
- **Secretary of Hack Club Cal High: (Aug. 2022 - Present):** Helping with planning topics for meetings along with managing attendance
- **VP of Computer Science Honor Society: (Aug. 2022 - Present):** Working alongside the president to help manage the club and holding the responsibilities of the president when they are absent.

AWARDS AND RECOGNITION

SAMSUNG SOLVE FOR TOMORROW (Oct 2022 - Present): Award: State Finalist - Our AI-NLP Voicebox offers a personalized solution for prediabetic and diabetic patients to reverse their condition by providing dietary recommendations based on daily nutritional intake. Utilizing advanced natural language processing technology, this tool empowers patients to make informed food choices and effectively manage their health.

L.E.C. HACKS 2.0 (Nov 2022): Award: 3rd Place, Best Website Application - Built a completely AI-based application whose goal is to make sure the user is able to reach their fitness goals while also maintaining physical and mental equilibrium.

WWPHACKS 2022 (Sep. 24 - 25, 2022): Award: 2nd Place - After not winning prizes in WWP Hacks 2020, participated 2 years later and created an AI-based application that accurately states a diagnosis based on symptoms a user inputs, then gives the user an "invoice" via text messaging, ended up winning 2nd place in WWP Hacks 2022.

BAYVIEW HACKATHON 02 (Jul. 22 - 24, 2022): Award: 2nd Place - Built a web application that took weather data from the user's location from the National Weather Service API and recommended clothing from a dataset of clothing to the user.

SONOMA HACKS (Apr. 16 - 17, 2022): Award: 2nd Place - Built a web application that generates lists of movie and tv-show recommendations for the user to watch based on movie genre, movie release date, minimum rating out of 10, and language.

BYTE-KODE 2 (Jan. 14 - 17, 2022): Award: 2nd Place - Built a web application that locates nearby vaccination clinics from a list of nearby 300,000 locations US-wide, and projects them to the user in a meaningful and straightforward way, projects current and historical data about COVID cases, deaths, and vaccination percentages.

INFINI HACKS (Nov. 12 - 14, 2021): Award: Best Environmental Hack - Built a web application with Machine Learning and AI to determine when the world will reach dangerous levels of CO2 based on data from multiple research centers.

HACKAPALOOZA (Sept. 25 - 26, 2021): Award: Best Website Application Built a web application that promoted escapism by implementing APIs that allow the user to get new ideas or learn new things.

ANGELHACKS 2.0 (Feb. 26 - 28, 2021): Award: Best Education Hack Competed against high school and college students worldwide. Built a web application that made learning more accessible by connecting mentors and students with an easily navigable UI.

SKILLS / INTERESTS

Skills - Microsoft Office, Google Workspace, HTML, CSS, JavaScript, PHP, MySQL, Python, Git, WordPress

Interests - Machine Learning, Programming, Artificial Intelligence, Cryptocurrency, Investing, Reading, Web Development, Music, Competitions, Mathematics