



Andrew Parker Hunt

Student in Clovis, California, USA

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github.com/ParkerrDev

Experience

FRC Team 1671 Programmer, High School Robotics

2022 – 2023

Worked alongside other members and coaches to deploy a scouting system for the robotics team. Personally designed and developed the counterpart graphical application to the scouting system in Python with technologies like OpenCV and Qt. Worked with robotics programming and design in Java.

California Science and Engineering Fair Contestant, Engineering Project

2022 – 2024

Worked in a team over the course of 2 years to build an autonomous material analysis and filtration robot for the removal of microplastics from water. Designed the electronics system for the robot. Programmed the machine learning algorithm responsible for analyzing materials using technologies like ScikitLearn, Numpy, Pandas, and PyTorch.

Trion Supercars Website Designer & Developer, Web Application Development

2024 – 2025

Designed, developed, and deployed a website for the company Trion Supercars. I designed the website in Figma and coded it in HTML, CSS, SCSS, and Javascript. I used technologies like AlpineJS for templating various elements of the website design and threeJS for rendering 3D models of cars in the car configurator. I then deployed the site on Netlify.

Center for Advanced Research and Technology Student, Web Application Development

2024 – Present

Developed a website for the supercar company Trion Supercars using HTML, CSS and Javascript. Worked with team members to design the website in Figma. Worked on other relevant projects leading up to the Trion website such as the website for Ray Bradbury smarthomes in HTML and CSS.

Intro To Engineering Design Student, Buchanan High School

2023 – 2024

Designed 3D Models using the CAD software Fusion 360 to create various items such as keychains, selfie-sticks, phone cases, neon lights, etc. 3D Printed various parts in Bambu Studio on multiple Bambu X1 Carbons and other various printers.

Honors Principles of Engineering Student, Buchanan High School

2022 – 2023

Worked with student peers to design and build a marble sorting machine using VEX parts. Wrote the entirety of code for the marble sorting system in Python. Learned the basics of engineering design and construction by designing and constructing small bridges, building circuits, etc.

Education

Buchanan High School
General Education
Clovis, California
2022 – Present

Center for Advanced Research and Technology
Web Application Development
Clovis, California
2024 – Present

Other

Martial Arts
1st Degree Adult Black Belt
AAMA Clovis, California
2012 – 2024

Skills and Technologies

Languages: Python, BASH, HTML, CSS/SCSS, JavaScript, Nix

Technologies: OpenCV, ScikitLearn, Numpy, Pandas, SQL, Selenium, Qt

Tools: Linux, Figma, Git, GitLab, GitHub, VSCode, Zed, Neovim, Adobe Suite, Fusion360, Qt Designer