Hunter Pruett

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EDUCATION

Glendale Community College <div align="right">Glendale, CA</div>

*B.S. Computer Science; **GPA: 4.00/4.00*** *Aug 2022 – Jun 2024 (Expected)*
- **Relevant coursework:** Calculus I-II-III, Physics I, Intro to C++, Data Structures and Algorithms

SKILLS

Languages: JavaScript, Python, C, C++, HTML, CSS, JSX/TSX, Java, TypeScript, MatLAB

Developer Tools: Git, Visual Studio Code, MongoDB, Vercel, Jira, Heroku, TailwindUI, VIM

Software/Frameworks: React, NextJS, ExpressJS, NodeJS, Vercel, Flask, Contentful, PayloadCMS

EXPERIENCE

Applied Medical <div align="right">Rancho Santa Margarita, CA</div>

Software Engnineering Intern *Jun 2023 – Present*
- Used Python, React, and ExpressJS to simulate complex multi-robot high-volume manufacturing systems that support Applied Medical's **global distribution chains** around the clock.
- Gathered and analyzed hundreds of robot arm joint data points, reducing machine defective part yield to < 0.5 %.

Autonomous Vehicles GCC <div align="right">Glendale, CA</div>

Co-founder and President *Feb 2023 – Present*
- Fundraised $1,000 USD and acquired 4 AI-powered robots for students to use and experiment with using C++.
- Initiated a food delivery robot project using C++, ExpressJS, React, and machine learning technologies (Nvidia Jetson Nano) to control and pilot the robot throughout the GCC campus.

GCC Business Club <div align="right">Glendale, CA</div>

President *Aug 2022 – Present*
- Facilitated fundraising for over $3,000 from community organizations and the GCC student body combined.
- Organized an all-day event (Startup Boost Day) that led approximately 40 students interested in entrepreneurship through the process of creating and pitching a startup idea to a panel of former startup founders.

StandardVision <div align="right">Los Angeles, CA</div>

Software and Design Engineering Intern *Jul 2022 – Aug 2022*
- Developed SVRunner with React, ExpressJS and TypeScript, a web-based software displaying marketing content to **100,000+ viewers daily** around the world.
- Used Solid Works to design and fabricate physical client installation concepts in under 2 weeks.
- Collaborated with architectural engineers to design 3D models of display installations in Solid Works.

FRC Team 696: Circuit Breakers <div align="right">La Crescenta, CA</div>

Team President and Computer-aided Design Lead *Aug 2018 – June 2022*
- Wrote autonomous and tele-operated robot software in Java enabling team robots to perform exceptionally well, with the 2022 robot performing in the **top 0.46%** of teams worldwide.
- Designed various mechanisms and sub-systems in Solid Works, with the 2022 climbing mechanism being the **3rd fastest climbing mechanism** across all competing teams worldwide.

PROJECTS

CircuitParts | *GitHub, Demo*
- A full-stack web app for rapid-prototyping manufacturing companies for end-to-end processs management.
- Manages third-party orders, part naming, CAD file structure, and manufacturing statuses.
- Uses ExpressJS, React, TypeScript, and MongoDB; deployed on Heroku.

Business GCC Website | *Live Deployment*
- Features latest query libraries, custom sign up forms, and full integration with Contentful CMS to increase longetivity for future club leadership teams.
- Built with NextJS and deployed on Vercel; heavily modified from a TailwindUI template.

Mother Armenia Website & Non-Profit | *Live Deployment*
- Co-founded Mother Armenia, a non-profit focused on small, recurring donations for moral Armenian initiatives.
- Built website with NextJS from scratch with a fully-integrated Contentful CMS for rapid content deployment.