

Jenna Parker

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Education

University of California, Los Angeles (UCLA) [2023 - Present]

- **Bachelor of Science in Aerospace Engineering - Space & Technology Management Tracks**
- **GPA: 3.85** - Dean's Honors List Spring 2024, Winter 2025, Spring 2025
- **Completed coursework:** Thermodynamics, Fluid Mechanics, Rigid Body Dynamics, Statics/Strength of Materials, Electrical Circuits, C++, Calculus, Linear Algebra, Math of Engineering, Physics, Chemistry
- **Projected coursework (2026):** Transport Phenomena, Modeling & Analysis of Dynamic Systems, Dynamic Systems Control, Rocket Propulsion Systems, Aerospace Lab, Aerospace Electives, Engineering Ethics

Projects & Leadership Experience

President of Bruin Spacecraft Group [2025 - Present]

- Undergraduate club providing opportunities for project experience in space mission design/development and acquiring the skills needed to become leaders in the space industry
- Represent 100+ members at AIAA, sponsor, faculty, industry, and CubeSat launch provider events
- Ensure communication and collaboration between project leads and executive board members
- Lead the Vice Presidents & their administrative teams to achieve club goals
- Facilitate club meetings, enforce deadlines, and brainstorm ways to improve and expand the club's reach

Project Member - Bruin Spacecraft Group - CubeSat & High Altitude Weather Balloon [2023 - Present]

- 3U CubeSat: integration and test of nanosat bus, with a 130W payload power demonstration and new radiation coating experiment
- High Altitude Weather Balloon: featuring GPS tracking and temperature-sensing payload, successfully launched above 80,000 ft and recovered with sensors in tact and mission data collected
- Systems engineering team creating and analyzing flowcharts, simulations, and modeling
- Collaborated with mechanical (CAD, 3D-printing, assembly), electrical (wiring and soldering), and software subteams

Treasurer - Sigma Pi Sigma Physics Honors Society [2024 - 2025]

- Wrote, proposed, and negotiated yearly budget with UCLA faculty, resulting in a significant increase in club funding and spearheaded external fundraising campaigns
- Managed purchase orders, reimbursements, and spending log

Employment History

Front Desk Receptionist, Studio Opener/Closer - Barry's Bootcamp [2024-2025]

- Provided customer service through membership management and sales, class check-ins, and injury accommodations using company software
- Communicate client feedback and complaints tactfully to instructors

Smoothie and Juice Barista - Nekter Juice Bar [2023]

- Obeyed health and safety standards diligently
- Managed financial log by counting register and tips nightly
- Closed and opened store, working many solo shifts

Additional

Technical Skills: MATLAB, C++, Python, Onshape, Solidworks, Soldering, 3D printing, Microsoft Office 365

Extracurriculars/Hobbies: Pi Beta Phi Sorority, Intramural Tennis Champion, Cooking/Baking, Art