

Porter Tien

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Education

University of California, Berkeley

May 2028

Bachelor of Science, Energy Engineering · Minor in Data Science

Relevant Coursework: Intro to Comp. Programming for Engineers, Multivariable Calculus, Linear Algebra, Physics for Engineers

Castro Valley High School

May 2024

High School Diploma

GPA: 4.5

Awards: Ideal Student Finalist, AP Scholar With Distinction, High School Graduate with Highest Honors (GPA 4.0+), Seal of Biliteracy (Mandarin), Triple-Varsity Student-Athlete (Basketball, Volleyball, Track and Field), SAT Score: 1540

Experience

Eunergy Micro Grids

May 2025 – Aug. 2025

Electrical Engineering & Project Management Intern

Castro Valley, CA

- Supported microgrid engineering projects to deliver cost-effective, energy-efficient electrical solutions for local facilities
- Planned and installed tennis court lighting by measuring blueprints, assessing wiring/breakers, and ensuring 24/7 player access
- Analyzed pool heater electrification with BTU measurements, solar offset estimates, and detailed cost feasibility calculations

24 Hour Fitness

July 2025 – Aug. 2025

Sales and Service Associate

San Ramon, CA

- Promoted to Sales Lead in 3 weeks after consistently beating sales stretch goals by 44%, leading teams of 4 to drive revenue
- Closed \$300+ memberships via 1-on-1 tours & sales consultations, ranking #1 in club for memberships & fitness sold/hour
- Managed 60+ weekly cold calls & high-volume front-desk sales interactions, converting inquiries into long-term members

Phi Beta Lambda - FBLA PBL

Jan. 2025 – May 2025

Consulting Analyst

Berkeley, CA

- Engaged in 10-week program in business strategy, market analysis, & casing, working in teams of 6–7 on real-world cases
- Developed proposal for Apple (marketing campaign), Olay (market relevance), and Volvo Group (biomimicry design roadmap)
- Shadowed 12-person team on BlackRock & Genentech competitor analysis projects, gaining proficiency in consulting tools

Theta Tau Professional Engineering Fraternity

Aug. 2024 – Present

Publicity Chair

Berkeley, CA

- Designed and distributed eye-catching recruitment fliers, t-shirt apparel and promotional materials for Cal Theta Tau
- Orchestrated partnership with Project Linus to weave and donate 60+ blankets to undeserved communities in the greater Bay Area
- Reached 1.1 Million views & 500k likes on TikTok promoting Theta Tau's dedication to Professionalism, Brotherhood, and Service

Sunshine America Youth Organization

June 2019 – Dec. 2022

Co-founder

Castro Valley, CA

- Organized Castro Valley's 2020 Board of Education Debate; Directed 50+ questions to ensure voter concerns were addressed
- Coordinated with 4 college-bound speakers to educate youth during multiple Pathway to College Seminars
- Supervised 20+ monthly trash and debris pick ups to maintain safe and visually appealing trails for the local community

Projects

Roadmap for Biomimetic Business Innovation

Jan. 2025 - May 2025

Volvo Group Contract Consultant - Innovation Lab

Berkeley, CA

- Led design, marketing, and implementation for 10-week consulting project on a Biomimicry Roadmap for Volvo Group products
- Researched biomimetics, interviewed 12 experts, & presented findings to Volvo Group officers in France, India, and U.S.
- Enhanced skills in high-stakes presentations, team collaboration, and strategic communication while delivering an actionable plan

Lily Pad Plunge

Aug. 2024 - Dec. 2025

Theta Tau

Berkeley, CA

- Designed and built frog themed claw machine with moving targets and LED screen display using Inventor, C, and Arduino
- Constructed and assembled wood/3D print machine base in tandem with motorized gantry & target systems
- Developed website to showcase the working project, its design timeline, and team member contributions using React

Skills

- Technical Languages :** Python, Java, Javascript, Matlab, HTML, CSS, SolidWorks, AutoCAD, Inventor, Onshape
- Shop:** 3D Printing, Wood and Metal Laser Cutting, Woodwork, Welding, Soldering, CNC, Construction
- Spoken Languages:** English (fluent), Mandarin Chinese (conversational/intermediate)
- Interests:** Basketball, Volleyball, Gym, Guitar, Gracie Abrams, Cheezits, Golf, Tennis, Suits, 3hr Business Podcasts