

Caleb Penley

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EDUCATION

Intended Bachelor of Science in Computer Science

The Pennsylvania State University, University Park, PA

GPA: 3.48

Expected Graduation: May 2027

Relevant Coursework: Object Orientated Programming with Web-Based Apps, Programming and Computation I & II: Fundamentals & Data Structures, Logic for Computer Science

TECHNICAL SKILLS

- Languages: Python, Java, JS, HTML, CSS

RELEVANT EXPERIENCE & PROJECTS

Supervisor & Assistant Manager

Silver Star Cinemas / Dipson Theatres

June 2022 - Present

Warren, PA / Lakewood, NY

- Developed advanced website tools using JavaScript and APIs, driving a growth of more than 125% in revenue and popularity with an almost 99% reduction in customer complaints.
- Engineered and streamlined projector content for ease of management and customer satisfaction while supervising and developing all employees, ensuring delivery of a seamless movie viewing experience.

Creator | Maya (Experimental Research Project)

December 2022 – Present

- Developed an original AI assistant in Python to deepen understanding of machine learning and system integration.
- Integrated a custom server-client architecture, enabling seamless socket communication between components.
- Implemented resource-conserving algorithms and optimization strategies, leading to a 100% increase in efficiency.
- Applying comprehensive research to architect a novel AI capable of autonomy and anthropomorphic behavior.

LEADERSHIP INVOLVEMENT

Vice President | Delta Phi, Psi Chapter

December 2024 – Present

- Provide strategic leadership to bridge communication between officers, executive board, and all 36 members.
- Spearhead goal-setting initiatives and unified efforts to foster collaboration, fraternity growth, and individual success.

Part-Time Assistant Coach | Eisenhower Knights Football

August 2023 – Present

- Train all players to develop essential skills, significantly improving the team's understanding and performance.
- Provide real-time feedback and strategic insights during games, facilitating quick adjustments and driving success.

Captain - Football & Track and Field | Eisenhower Middle High School

March 2022 – May 2023

- Assisted head coaches with practice scheduling and critical team decisions, while serving as a role model and mentoring the entire team throughout the record-breaking season.
- Supervised and instructed all lower-class team members, enhancing team management and personal development.

Flight Commander, Cadet Master Sergeant | Civil Air Patrol

March 2020 – March 2023

- Assisted Commanders with planning and mentored flight members, leading to a confident and determined team.
- Promoted all CAP core values and principles throughout the squadron, improving unit cohesion and performance.

HONORS

- Penn State Engineering Russel H. and Sandra R. Herman Trustee Scholarship 2023 & 2024
- PA State Senate Good Citizenship Award May 2023
- Daughters of The American Revolution Good Citizen Award May 2023
- Wright Brothers Award – recognized for excellence in leadership, teamwork, integrity, and commitment to the Civil Air Patrol. March 2021