

# Grace Mills

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## EDUCATION

**California Polytechnic State University, San Luis Obispo** Expected Graduation: May 2029 Bachelor of Science: **Computer Engineering** *GPA: 3.57*

**Relevant coursework:** Data Structures, Computer Systems, HDL and Digital Design

**Presentation High School** Graduated 2025, *GPA: 4.19*

**Organizations:** FRC Team 2135, Black Mountain Composite - National Interscholastic Cycling Association

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## WORK EXPERIENCE

**Kids Dojo, Inc 501c Non-Profit** *Camp Counselor* June 2021 – August 2026 (Seasonal)

- Oversaw daily scheduling between 4 job sites with 15 kids enrolled in each, including ride time and location, transportation and end of day drop off coordination
- Maintained a managerial role, gaining experience supervising coworkers of all ages

**Andrew's Tutoring Academy** *High School Tutor* February 2026 – July 2026

- Tutored in AP Calculus AB, IB Calculus, AP Calculus BC, AP Chemistry, AP Physics, AP Computer Science, Algebra 2, AP PreCalculus
  - Tutored high school students, breaking down complex concepts into clear, digestible explanations tailored to individual learning styles
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## COMPUTING EXPERIENCE

**First Robotics Competition, 2135** | Computer Systems and Programming Lead | August 2022 – May 2025

- Personally designed, produced and tested code for the robots telemetry vision system
  - Lead a subteam through improvements to our in game driving by adding a series of autonomous scoring parallel systems
  - Managed the CSP team, holding weekly team meetings, coordinating between different projects, setting up team workflow and communication pipelines
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## GENERAL SKILLS

- **Proficient languages:** Python, Java, HTML, JavaScript, CSS
- **Software Tools:** Xilinx Vivado, VS Code, Git, Microsoft Office
- Technical skills with wiring, soldering, CNC machining
- Leadership and management