

# Cameron Lee

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## Education

**Bachelor of Science, Computer Science**  
San Diego State University, San Diego, CA

**Expected May 2026**  
3.7 GPA

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## Skills

**Programming:** C/C++, C#, Java, Python, Assembly, Scala, R, Git, HTML/CSS/JavaScript, ROS2, Bash  
**Platforms/Tools:** Windows, Linux, macOS, iOS, Android, GitHub, Vim, VSCode, Visual Studio, VMWare

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## Projects

**F1TENTH Autonomous Racecar - Senior Capstone Project** **Fall 2025 - Present**

- Designing and implementing autonomous driving algorithms (SLAM, pathing, obstacle avoidance) on a 1/10th scale racecar using ROS2 and onboard sensors (LiDAR, camera).
- Collaborating in a 5-member Agile team using Scrum methodology.
- Integrating hardware and software systems with testing in both simulation and on physical deployments.

**PINS GUI and NEEDLE SDK** **Summer 2023 - Spring 2024**

- Created a real-time network traffic monitoring dashboard in C++ using the C Socket library.
- Developed a detachable backend SDK to allow developers to easily integrate client connections in the PINS host application

**ShareTea Customer Data Collection and Text Messaging Service** **Fall 2023**

- Built a Python service to extract and organize customer data from ShareTea's POS system.
  - Automated SMS promotions with the TextBelt API, increasing campaign engagement by 200% for 600+ loyalty members.
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## Experience

**Instructional Student Assistant | SDSU CS Dept.** **August 2025 - Present**

- Tutored undergraduate students in computer science, clarifying core concepts and debugging strategies.
- Developed Java and Bash based autograding scripts to automate testing of student assignments, reducing grading time and ensuring consistency.
- Supported faculty with coursework management and technical assistance for 100+ students.

**Manager | Abbey's Real Texas BBQ** **March 2024 - Present**

- Advanced from cashier/server to manager; supervised 10+ employees and oversaw daily operations.
- Designed and implemented a standardized inventory system with checklists and par levels, reducing ordering time by ~50% and virtually eliminating midweek stockouts.
- Streamlined scheduling and operational workflows, improving team productivity and customer satisfaction.

**Treasurer & Founding Member | Coalition of Tech Reps and Leadership, SDSU** **May 2025 - Present**

- Helped establish a coalition uniting computer science clubs at SDSU, managing finances and securing resources for events and sponsors.
- Collaborated with leadership from multiple CS clubs to coordinate cross-club events, boosting student engagement and visibility.