

Sawyer Jones

sjones3731@sdsu.edu | <https://github.com/sawyerjones> | <https://www.linkedin.com/in/sawyer-jones-77a62b25a/>

Education

San Diego State University – BS in Computer Science, minor in Mathematics Expected May 2026

Experience

Instructional Student Assistant, CS 480, CS420 Dec 2024 – Present

- Used Bash & Python to maintain & optimize an autograder for student projects
- Held weekly office hours to provide students with C++ programming support
- Collaborated with the instructor & other ISAs to optimize course material & student experience

Research Assistant, Computer Science Lab May 2024 – Present

- Developed a mobile healthcare application using React Native & Node.js, working with medical professionals to design data collection workflows for Raynaud's Syndrome patients
- Assisted with designing hardware to take a temperature scan of a patient's hand using C & JavaScript to connect the hardware to the application
- Designed and maintained user flow diagrams and system architecture documentation ensuring clear project roadmaps and enabling efficient onboarding of new team members

Peer Mentor, College of Sciences Student Success Center Aug 2023 – May 2024

- Provided guidance & support to fellow students in various academic matters, including course selection, major/minor exploration, & study strategies
- Collaborated with other peer advisors & advising staff to plan & execute events, programs, & initiatives

Program Assistant, Stanford Graduate School of Business May 2023 – Aug 2023

- Orchestrated a high-quality experience for over 200 C-suite executives throughout a 6-week professional & leadership development summer program
- Contributed to the success of the learning environment by attending lectures & offering instructional support

Publications

Jones S, Bradshaw A, Tskhadadze R, Shen B, Ren S. "A Customizable, Real-time Mobile Health Application for Raynaud's Syndrome and Beyond" *IEEE International Conference on E-health Networking, Application & Services*. Abu Dhabi, UAE, 2025. Forthcoming 2025.

Jones S, Shen B, Ren, S. "Experimental Study into Understanding Hand Temperature Distributions" *Computer Science Conference for CSU Undergraduates*. 2025.

Projects

Pi-Cloud <https://github.com/sawyerjones/pi-cloud>

- Used Python's FastAPI and React to create a full-stack file management system with secure file operations, user authentication, and cross-device compatibility
- Deployed onto a Raspberry Pi with SSL/HTTPS configurations to enable personal cloud storage at any time

AI Spam Email Filter <https://github.com/sawyerjones/Spam-Message-Detection>

- Led a student group that used artificial intelligence to develop software to detect & flag spam emails

Awards

- Nominated for Computing Research Association's Outstanding Undergraduate Researcher Award
- Received an Honorable Mention for Best Paper at the Computer Science Conference for CSU Undergraduates

Skills

Languages: JavaScript, Python, C++, Java, Bash, Lua

Technologies: Git, React-Native, npm, Docker