

KENNY SUN

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EDUCATION

Clemson University

Aug. 2023 - Dec. 2026

Bachelor of Science in Computer Science, Minor in Business Administration

GPA: 4.0 / 4.0

- General Honors Program at Clemson University Honors College

EXPERIENCE

Software Engineering Intern

June 2026 - Aug. 2026

Wells Fargo

Charlotte, NC

- Developed an AI-powered records-retention tool that automated the records-retention setup process across applications, processing hundreds to thousands of database tables per application by analyzing schemas and metadata to assign retention codes and identify purge-date fields before passing results to a downstream purge system, with up to \$5M in estimated soft savings
- Implemented an enterprise file purge service using C#/.NET and SQL that validated stale-file eligibility against source systems, and orchestrated staged deletion across 3,600 shared drives and 2B stale files

Software Engineering Intern

June 2025 - July 2025

AgFirst Farm Credit Bank

Columbia, SC

- Prototyped cross-platform mobile apps in React Native and .NET MAUI/Blazor Hybrid
- Informed AgFirst's framework migration strategy by evaluating prototyped apps, contributing to the long-term mobile framework selection for digital banking
- Delivered technical demos and reports to stakeholders at sprint checkpoints supporting Agile methodology

Web Application Developer Intern

Aug. 2024 - Feb. 2025

Clemson University Center for Workforce Development

Clemson, SC

- Developed automated export tool for courses in CUCWD's Content Management Systems, cutting manual processing time by 6+ hours per export and enabling cross-compatibility with other CMS/LMS
- Presented project updates in weekly stand-ups supporting Agile methodology

Machine Learning Researcher

June 2024 - July 2024

College of Staten Island

Staten Island, NY

- Validated flood sensor data with KNN and RF models to support predictive modeling of NYC flooding events
- Identified scalability trade-offs by evaluating algorithm complexity on AWS clusters with parallel processing

Computer Science Teaching Assistant

Jan. 2024 - Apr. 2024

Clemson University School of Computing

Clemson, SC

PROJECTS

RankEm | Python, Next.js, API Gateway, Lambda, DynamoDB | playrankem.com

- Web app for users to upload their own sports polls/power rankings to observe public opinion on sports teams
- Developing AWS serverless backend utilizing REST APIs and a frontend built with Next.js and Vercel

StrikePhone | Python, React Native/Expo, API Gateway, Lambda, S3 | devpost.com/software/strikephone

- Developed hackathon phone app utilizing computer vision to detect strikes/balls in a backyard baseball game
- Designed a real-time strike/ball detection pipeline using API Gateway, Lambda, and S3

COMMUNITY ENGAGEMENT

Robotics Education & Competition Foundation Volunteer

- Volunteer at robotics tournaments assisting with setup, technical judging, and refereeing to support K-12 STEM education

AWARDS

2025 Clemson NASA SpaceApps Hackathon: Best Use of Art and Technology

2025 CU Hackit: Most Innovative Hack (StrikePhone)

2021 - 2022 VEX Robotics SC State Championship: Tournament Champions

TECHNICAL SKILLS

Languages: C/C++, Python, Java, TypeScript, C#, JavaScript

Frameworks: Django, JUnit, .NET, Expo, Blazor Hybrid, React Native, Next.js

Developer Tools: AWS (API Gateway, Lambda, DynamoDB, S3), Docker, Jupyter, Vim