Camden Keller

cak285@cornell.edu | (562) 475-8677 | [GitHub](#) | [LinkedIn](#)

EDUCATION

Cornell University, Ithaca, NY | **GPA: 4.00**   Aug 2024 – May 2028
Majors: Computer Science & Cognitive Science | *Minor:* Artificial Intelligence
Activities: Club Water Polo (Captain, 2024 NY State MVP); GreenClub (Software Dev); Webdev Club
Relevant Coursework: OOP & Data Structures, Linear Algebra, Backend Dev, Android Dev
Planned Fall 2025: Functional Programming, Data Science, Math Foundations of CS

WORK EXPERIENCE

SeaBridge Sustainability, *Software Engineer Intern*, Seattle, WA   May 2025 – Present
- Co-leading 8-person cross-functional team from roadmap to MVP; managing sprint delivery
- Architect full-stack AWS infrastructure (Databricks, Bedrock, Athena, MongoDB) supporting RAG
- Build LangGraph-powered AI agents to automate ESG workflows and streamline reporting

Cornell GreenClub, *Software Developer*, Ithaca, NY   Feb 2025 – Present
- Built frontend for carbon-cutting routing tool using TypeScript, Next.js, Tailwind, and map integration
- Spearheaded user-centered design process with stakeholder case studies and Figma-based prototyping

Marine Safety Department, *Ocean Lifeguard*, Seal Beach, CA   May 2024 – Aug 2024
- Ensured beach safety and responded to emergencies as part of a team serving 3,000+ beachgoers daily
- Mentored 18 junior lifeguards in ocean rescue skills, teamwork, and early leadership development

TECHNICAL PROJECTS

Pac-Man, *Java Developer*   Apr 2025 – May 2025
- Created Pac-Man with elevation-based AI pathfinding, achieving 67% win rate over 1,000 simulations
- Implemented graph structures, custom priority queue, and a Dijkstra's variant for ghost behavior

Big Red Beli, *Backend Developer*   Apr 2025 – May 2025
- Developed social media app for reviewing Cornell dining; deployed with Docker and Google Cloud
- Engineered 4 relational models and 20+ RESTful API routes using Flask and SQLAlchemy

GymCrowd, *Android Developer*   Oct 2024 – Dec 2024
- Developed real-time gym tracker with Jetpack Compose, enabling students to avoid peak hours
- Implemented Model-View-ViewModel architecture and integrated API endpoints from backend team

Asteroids, *Python Developer*   Oct 2024 – Nov 2024
- Built Asteroids game with custom mechanics for movement, spawning, firing, and collisions

LEADERSHIP & IMPACT

- Published "[Surf's Down](#)" Op-Ed on stormwater pollution, reaching 51,000 weekly readers (2024)
- Founded [Kamira](#): wrote, produced, and marketed full-length music album with 1,000+ streams (2023)
- Visited 65 countries across 7 continents; Spanish speaker with study abroad in Costa Rica (2022)
- Conducted marine restoration, field research, and hurricane relief in the British Virgin Islands (2021)
- Caregiver for neurodivergent brother, supporting social and emotional development (ongoing)

TECHNICAL SKILLS

Languages: Python, Java, SQL, TypeScript, JavaScript, Kotlin, HTML/CSS
Frameworks & Libraries: Flask, SQLAlchemy, LangGraph, React.js, Next.js, Tailwind CSS
Tools & Platforms: AWS, Git, Docker, Postman, Google Cloud Platform, Figma, Jupyter