

Kyle Yumul

Gainesville, FL | Open to relocation

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EDUCATION

University of Florida – *B.S. in Computer Science; AI Applications Certificate* May 2028

Awards: Dean's List Fall '24, Fall '25 **GPA:** 3.5/4.0

Relevant Courses: Data Structures & Algorithms, Software Engineering, Databases, AI Fundamentals, Operating Systems, Computational Linear Algebra

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, SQL, JavaScript/TypeScript, HTML/CSS

Frameworks: React, Node.js, Spring Boot, FastAPI

Developer Tools: Git, Github, VS Code, Supabase, Docker, Figma, PostgreSQL, Redis, Turso

Libraries: STL, SFML, NumPy, Matplotlib, Drizzle ORM

EXPERIENCE

Software Engineer Intern – *BeachLens* May 2026

- Incoming May 2026

Software Engineer – *Society of Asian Scientists and Engineers (SASE)* Sep 2025 – Present

- Enrich the SASE official website using **React**, **TypeScript**, and **Tailwind CSS** serving **500+ active members**
- Streamline improvements in site functionality, integrating **React Router**, **TanStack Query**, **Turso**, and **Drizzle ORM** to ensure scalability and performance
- Established a **secure user authentication system** that scaled from **less than 70 students** to **250+ students** using **Supabase Auth** to ensure data privacy and individualized access control in a “Task Balancing” application

Technology Scholar – *Citi Early Identification Technology Track* Mar 2025 – Apr 2026

- Selected as a participant from a pool of **4,000+** national applicants for the competitive 2026 Citi Early Identification Technology Program, designed to cultivate top-tier engineering talent
- Engaging in a structured technical development curriculum with **one-on-one mentorship** focused on Citi's software infrastructure, collaborative agile workflows, and professional development sessions with global technology leaders

Front End Developer – *Filipino Student Association* Sep 2025 – Apr 2026

- Provide resources to **300+ active users** by enhancing website features with biweekly updates leveraging **CI/CD practices** to ensure rapid and reliable deployment
- **Increased shop page user engagement by 80%** developing a **React Router**-based product gallery, replacing static social media links to streamline navigation

Back End Developer – *Google Developer Groups on Campus* Sep 2025 – Dec 2025

- Built a **student bartering app**, utilizing **Python** and **FastAPI** to deploy core services via **Docker**
- Optimized **PostgreSQL** schemas via **3NF normalization** and integrated **Redis** caching to **improve database performance by 30%**

LEADERSHIP

Leadership Intern – *Society of Asian Scientists and Engineers* Sep 2025 – Present

- Spearheaded **2 large-scale bonding events**, responsible for arranging team-building sessions, ensuring familiarity between **500+ active members** of the program to foster a healthy and productive working environment
- Worked alongside **80+** peers to organize and execute events, enhancing leadership skills and promoting team success

PROJECTS

AKA-GOAT | *C++*

- Engineered a custom CLI application in C++ to evaluate and rank **90,000+ players** across **2,000+ teams** by calculating a **custom weighted mathematical Dominance Score**
- Benchmarked **Quick**, **Merge**, and **Tim Sort algorithms** to optimize time complexities from $O(n^2)$ to $O(n \log(n))$, **reducing** large-scale dataset sorting **time** by **114ms** to achieve a final speed of **16ms**
- Integrated CPR and OpenCV to dynamically fetch, resize, and color-process player images via HTTPS endpoints for display within a visually accessible terminal interface

Canvas-All-In-One | *JavaScript, Bulma CSS*

- Developed a **Google Chrome Extension** for Canvas that compiles all of a student user's classes, modules, and assignments on to a singular page to better accessibility
- Reduced the minimum amount of clicks needed by a student to access an assignment by **66%**