

# Christopher Jung

Seeking Summer 2026 Software Engineering Internship | [Personal Website](#)  
929-218-0471 | [jungchristopher456@gmail.com](mailto:jungchristopher456@gmail.com) | [linkedin.com/in/chrxsjung](https://www.linkedin.com/in/chrxsjung) | [github.com/chrxsjung](https://github.com/chrxsjung)

## EDUCATION

### University at Buffalo, SUNY

*Bachelor of Science in Computer Science*

Buffalo, New York

*Expected June 2027*

- **GPA:** 3.6 / 4.0
- **Relevant Coursework:** Web Applications, Computer Organization, Data Structures, Algorithms and Complexity, Systems Programming, Programming Languages, Discrete Structures

## EXPERIENCE

### The Barbarian Group

*Software Engineer Intern*

New York, NY

*Summer 2025*

- Developed **5+ responsive pages** and **10+ new features** for an AI-powered internal tool, reducing manual work and accelerating workflows in multiple departments using **Next.js**, **React**, **Tailwind CSS**, and **TypeScript**.
- Improved the company website by fixing **5+ UI/UX bugs**, enhancing mobile responsiveness, and deploying new frontend features using **HTML**, **CSS**, and **JavaScript**.
- Accelerated **product delivery** by translating **10+ Figma designs** into pixel-perfect UIs, collaborating with design and product stakeholders to ensure brand alignment.
- Contributed in **Agile sprints** by resolving **Jira tickets** and merging code with **5+ developers** on GitHub, including code reviews and pull request approvals.

## PROJECTS

### Spotify Stats Dashboard | [Live Site](#) | [GitHub](#)

2025 - Present

- Delivered **real-time personalized music insights** by integrating **6+ Spotify API endpoints** into a full-stack dashboard using **Next.js**, **React**, and **Tailwind CSS**.
- Implemented secure authentication with **NextAuth.js (Spotify Provider)**, managing **OAuth 2.0 flows**, token refresh with a custom function, and session-based access via `getSession()`.
- Engineered a secure Next.js request pipeline to **eliminate client-side token exposure**, routing all data requests through serverless API endpoints under `pages/api` that manage and refresh access tokens.
- Improved UI/UX by resolving **3+ high-priority bugs** (e.g., redirect issues) and adding user-requested features, leading to a **smoother user experience** across desktop and mobile.

### Premier League Stats | [Live Site](#) | [GitHub](#)

2025 - Present

- Developed a full-stack soccer stats app covering **500+ EPL players across 15 seasons** using JavaScript (Vite), Supabase, and API-Football, displaying real-time and historical player data.
- Built dynamic player cards with toggles for **10+ advanced statistics** and season-switching functionality, updating UI in-place using parsed JSON API responses.
- Reduced API requests by **25%** by using Supabase (PostgreSQL) as a cache layer indexed by unique player IDs.
- Secured the backend with **Row-Level Security (RLS)** in Supabase and proxied external API calls through `/api` routes to hide private keys.

### Dynamic Memory Allocator (Academic Project) | *C*, *UNIX*

Fall 2024

- Implemented a dynamic memory allocator in **C** using a **free list** built with **structs** and **linked lists**, supporting `malloc()`, `calloc()`, `realloc()`, and `free()` with efficient block reuse.
- Simulated heap behavior using low-level system calls like `sbrk()` and `brk()`.
- Verified allocator correctness by running **20+ UNIX commands** (e.g., `ls`, `cat`, `ps`) on programs linked against the allocator, ensuring functional compatibility without segmentation faults.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, Java, C

**Frontend:** React, Next.js, Vite, Tailwind CSS, HTML, CSS

**Backend & Databases:** Node.js, Express.js, REST APIs, PostgreSQL (Supabase)

**Authentication & Security:** NextAuth.js, Supabase Auth, OAuth 2.0, PKCE

**Tools & Platforms:** Git, GitHub, Vercel, UNIX, JUnit, Jira, Figma, Webflow