

Christopher Jung

Seeking Summer 2026 SWE Internship | [Personal Website](#)
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EDUCATION

University at Buffalo, SUNY

Bachelor of Science in Computer Science

Buffalo, New York

Expected May 2027

- **GPA:** 3.6 / 4.0 | **Dean's List:** Spring 2024, Fall 2024
- **Relevant Coursework:** Fall 2025 (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 frontend screens** for an AI-powered internal tool, reducing manual work and accelerating workflows across multiple departments using **Next.js**, **React**, **Tailwind CSS**, and **TypeScript**.
- Improved the company website by fixing UI/UX bugs, enhancing mobile responsiveness, and deploying new frontend features using **HTML**, **CSS**, and **JavaScript**.
- Translated **10+ Figma designs** into **pixel-perfect UIs**, worked cross-functionally with multiple stakeholders to ensure alignment with brand guidelines and product vision.
- Delivered features in **Agile sprints**, resolved **Jira** tickets, and collaborated with 5+ developers on **GitHub**, frequently merging pull requests and reviewing code.

PROJECTS

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

2025 - Present

- Built and deployed a full-stack Spotify analytics dashboard integrating 6+ Spotify API endpoints to deliver real-time, personalized music insights using **Next.js**, **React**, and **Tailwind CSS**.
- Implemented secure authentication with **NextAuth.js** using the built-in **Spotify Provider**, managing OAuth 2.0 flows, access token refresh with a custom function, and session-based access via `getSession()`.
- Designed and implemented a secure Next.js request pipeline: frontend utility functions invoke serverless API routes under `pages/api` that handle access tokens securely and return needed data.
- Improved UI responsiveness, resolved **3+ high-priority bugs** (e.g., redirect issues), and developed new features based on user feedback.

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

2025 - Present

- Developed a full-stack soccer stats app for EPL players using **JavaScript (Vite)**, **Supabase**, and **API-Football** to display real-time player data.
- Built dynamic player cards with toggles for advanced statistics and season-switching functionality, updating UI elements in-place using parsed **JSON API responses**.
- Reduced API requests by **25%** and significantly improved load times by using **Supabase (PostgreSQL)** as a cache layer for API responses, 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 using real **UNIX commands** such as `ls`, `cat`, and `ps`.

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