

# Christopher Jung

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

### University at Buffalo, SUNY

Bachelor of Science in Computer Science

Buffalo, New York

Expected Spring 2027

- **GPA:** 3.6 / 4.0
- **Relevant Coursework:** Web Applications, Applied HCI and Interface Design, Data Structures, Algorithms and Complexity, Systems Programming, Computer Organization

## EXPERIENCE

### The Barbarian Group

Software Engineer Intern

New York, NY

Summer 2025

- Developed **5+ pages** and **10+ features** for an AI-powered internal tool using **Next.js**, **React**, **Tailwind CSS**, and **TypeScript**, deploying through a **CI/CD pipeline** to help significantly improve research efficiency across departments.
- Improved the company website by fixing **5+ critical bugs** across all devices and shipping new features with **HTML, CSS, and JavaScript** as part of a cross-functional team.
- Accelerated product delivery by translating **15+ Figma designs** into pixel-perfect UIs and collaborating with design and product stakeholders in **Agile sprints** to ensure brand alignment.

## 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**.
- Enhanced usability by resolving **3+ high-priority bugs** (e.g., login issues, duplicate songs) and shipping user-requested features, delivering a **smooth experience** across desktop and mobile.
- Built secure authentication with **NextAuth.js** and **OAuth 2.0**, including a **custom refresh-token function** to handle access token expiration securely server-side.
- Built secure **Next.js** serverless routes in **Vercel** to proxy **Spotify API requests**, preventing client-side exposure of access tokens and protecting user data.

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

2025 - Present

- Developed a full-stack soccer stats app covering **500+ EPL players** using JavaScript with Vite, Supabase, and API-Football, displaying real-time and historical player data.
- Built dynamic player cards with toggles for **15+ advanced statistics** and season-switching functionality, updating UI using parsed JSON API responses.
- Reduced API requests by **25%** by using Supabase (PostgreSQL) as a cache layer for popular players indexed by unique player IDs.

### Python HTTP Server (Academic Project) | *Python, MongoDB, Docker, FFmpeg*

Fall 2025

- Developed a **custom HTTP server** in **Python**, including HTTP request parsing with buffering, response construction helpers, routing, cookies, and static content delivery.
- Built a **chat feature** with MongoDB, supporting message creation, retrieval, updates, deletion, and user authorization.
- Engineered **secure auth & security features**: bcrypt salted password hashing, **OAuth 2.0 (GitHub)**, TOTP-based 2FA, and secure cookies.
- Implemented **real-time media features** using **WebSockets** and video upload/streaming, configuring **Nginx** for HTTP(S) traffic using **Docker**.

## TECHNICAL SKILLS

**Languages:** Python, Java, C, JavaScript, HTML, CSS

**Frameworks & Databases:** React, Next.js, Node.js, Supabase, PostgreSQL, MongoDB

**Tools & Practices:** Git, GitHub, Vercel, UNIX, CI/CD, Agile, Code Reviews, Jira, Figma