

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 May 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

- Shipped **10+ features** for an AI-powered internal tool using Next.js, React, TypeScript, and Tailwind CSS, streamlining internal workflows and reducing manual work for **20+ employees**; deployed via **CI/CD**.
- Resolved **5+ critical bugs** and delivered enhancements to the official company website, improving the user experience across all devices.
- Collaborated with a **team of 5 developers** across Agile sprints, contributing in code reviews and iterating with product/design stakeholders to ship production-ready releases.

PROJECTS

Internship Hub | [GitHub](#)

Dec 2025 – Present

- Developed a full-stack internship toolkit with **3 core features** (resume feedback, cover letters, project roadmaps) using **Next.js** and **JavaScript**.
- Built a responsive UI that collects structured user inputs (e.g., experience, skills, job description) using **FormData**, parsed the payload, and sent it to my custom **Next.js API routes**.
- Integrated the **Groq LLM API** and implemented structured prompting with custom **JSON parsing** of model outputs to generate resume bullets, cover letters, and project roadmaps in a consistent format.
- Ran **50+ generation test cases** across varied inputs and iterated on system prompts to improve output relevance and reduce malformed/irrelevant responses.

Python HTTP Server (Academic Project)

Fall 2025

- Developed a custom HTTP/HTTPS server in Python, implementing request parsing, routing, buffering, and **15+ REST API routes**, validated with **75+ test cases**.
- Built a real-time chat system using **MongoDB**, implementing 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 built video upload/streaming via **multipart/form-data**, deploying behind **Nginx** with **Docker** for HTTPS traffic.

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

July - August 2025

- Built a Spotify analytics dashboard using **Next.js**, integrating **6+ Spotify API endpoints** to deliver personalized, real-time listening insights.
- Implemented secure **OAuth 2.0** authentication with **NextAuth.js**, protecting tokens via **server-side API routes** and handling token refresh with custom logic.

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

July - August 2025

- Developed an EPL stats app for **500+ players** using Vite, Supabase, and API-Football with cached data reducing API requests by **25%**.

TECHNICAL SKILLS

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

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

Protocols & APIs: REST APIs, HTTP/HTTPS, OAuth 2.0, WebSockets

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