Brett Williams

Software Developer

West Dundee, IL | Brettwilliams343@gmail.com | 847-530-5954 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Education

Bachelor of Science in Computer Science, May 2026   **Emphasis:** Software Development
Northern Illinois University (NIU), DeKalb, IL   **GPA:** 3.45/4.0

Relevant Coursework: Data Structures & Algorithm Analysis, Software Engineering, UNIX & Network Programming, Assembler Programming, C++ Programming, Databases, Web Development, Computer Science I & II.

Organizations & Activities: Association for Computing Machinery | Robotics Club | Chess Club | Tabletop Club

Technical Skills

- ❖ **Languages:** C++, Python, Typescript, JavaScript, Lua, Assembly, HTML, CSS, SQL, PHP
- ❖ **Web Development:** React, Nextjs, Nodejs, Clerk, Stripe, mySQL, MongoDB, Tailwind CSS, Expressjs, Vercel, Google Cloud
- ❖ **Tools:** VS Studio, Git/Github, Docker, Unix, Adobe Suite (Photoshop, Premiere, After Effects)

Project Portfolio

Hanzi Buddy 汉字伙伴 *Self Project, Summer Break 2025* | [GitHub](#) | [Live Demo](#)

- ❖ Created a **full-stack React Next.js web app** for learning and practicing conversational mandarin. Using AI powered responses to provide engaging education tailored to the users level.
- ❖ Front-end tools like **Tailwind CSS**, deployed with **Vercel** with usage from **Google Cloud** Services.
- ❖ Back-end integration such as **MongoDB** with **Mongoose** Database, **Clerk** Authentication,**Stripe** Payment.

Digital Dice System *Self Project, Winter Break 2024* | [GitHub](#) | [Live Demo](#)

- ❖ Developed a **Node.js web app** for tabletop RPG management, enabling player data storage, data manipulation, and dice rolling. Integrated with **Docker** for containerized deployment.
- ❖ Designed a terminal-style UI using **Tailwind CSS** deployed **Kamatera** cloud hosting

Ege Auto Parts *University Group Project, Spring Semester 2025* | [GitHub](#)

- ❖ Worked with a 3 person team to create a **Node.js** web app for managing an Auto Parts Warehouse. Using **Express.js** to connect with a **mySQL** database.
- ❖ Featuring full product selection and checkout. Management for inventory, order and shipping fulfillment.
- ❖ Designed a modern and responsive UI using **Tailwind CSS** and **Daisy UI**.

Work Experience

Intern, Searchology LLC, Sleepy Hollow, IL, *2016-2018*

- ❖ Assisted in **SEO optimization** and website design.
- ❖ Analyzed website analytics for improving search rankings.

Prime Now Associate, Amazon, Wood Dale, IL, *2020-2025*

- ❖ Managed inventory and customer orders efficiently in a fast-paced environment.