

# Brett Williams

Full-Stack Software Developer

Dundee, IL | brettwilliams343@gmail.com | 847-530-5954 | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

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## Education

**Bachelor of Science in Computer Science**, 12/2026  
Northern Illinois University (NIU) – DeKalb, IL

**Emphasis:** Software Development  
**GPA:** 3.45/4.0

**Relevant Coursework:** Data Structures & Algorithm Analysis, Software Engineering, UNIX & Network Programming, Assembler Programming, C++ Programming, Databases, Android Mobile Device Programming, Computer Architecture & System Organization, Web Development, Computer Science I & II, Braven Career Accelerator

**Study Abroad:** USAC China, Shanghai - Chinese Language and International Business - Spring Semester, 2026

**Organizations:** Anthro Club(Co-Founder & Vice President), Association for Computing Machinery, Braven Fellowship

## Technical Skills

**Languages:** C++, Python, Typescript, JavaScript, Java, HTML, CSS, SQL, PHP, RESTful API, Lua, Assembly

**Development:** Reactjs, Nextjs, Nodejs, Expressjs, Clerk, Stripe, mySQL, MongoDB, TailwindCSS, Mongoose

**Tools:** Visual Studio, Android Studio, Git, GitHub, Docker, Unix, Google Cloud, Vercel, Adobe Suite, MS Office

## Project Portfolio

**Hanzi Buddy** 汉字伙伴 – Self Project, Summer Break | [Live Demo](#) | [GitHub](#) 06/2025–08/2025

- Developed a full-stack web app with **React Nextjs** by integrating **AI-powered** responses and collaborating with mainland Chinese students to provide personalized engaging conversational Mandarin learning.
- Utilized front-end tools like **TailwindCSS**, deployed with **Vercel** with usage from **Google Cloud Platform**.
- Integrated **REST API** back-end using **MongoDB** with **Mongoose**, **Clerk** authentication and **Stripe** payment.

**Ege Auto Parts** – Developer, University Team Project Final | [GitHub](#) 03/2025–04/2025

- Coordinated a successful 3-person **Agile** team, building a **Nodejs** web app for warehouse operational management and administrative tasks, achieving a grade of **100%** and top project recognition of the class.
- Designed a full **TailwindCSS** front-end for product selection, checkout, inventory, and order fulfillment.
- Organized back-end with **Expressjs** and **mySQL** database featuring full **use case diagram** documentation.

**Digital Dice System** – Self Project, Winter Break | [Live Demo](#) | [GitHub](#) 12/2024–01/2025

- Streamlined tabletop RPG session management by developing a **Nodejs** web application with **Docker** containerized deployment to deliver robust player data storage, manipulation, and integrated dice-rolling.
- Designed a terminal-style UI using **TailwindCSS** and **DaisyUI** deployed with **Kamatera** cloud hosting.
- Presented with the **Association for Computing Machinery** at **STEM Fest 2025**, to inspire young students.

## Work Experience

**Prime Now Associate**, Amazon – Wood Dale, IL 02/2020–05/2025

- Operated in a **fast-paced environment** requiring reliability, adaptability, and strong problem-solving skills.

**Intern**, Searchology LLC – Sleepy Hollow, IL 03/2016–06/2018

- Improved **SEO optimization**, website design and analyzing analytics for improving online search rankings.