

Barrett Brown

Lawrence, KS 66046
(785) 218-2294
barrettbrown2012@gmail.com
<https://github.com/xavanion>

PROJECTS

NetCode (Hack KU 2025) - A real-time collaborative code editor built with React, using a rope data structure for efficient text updates and WebSockets for live synchronization between users. Features markdown-rendered code reviews, and a responsive layout.

Ez File Transfer - Developed a file sharing application using C#.NET and WPF, enabling seamless transfer of files across both local and remote networks.

WebChat - Developed a real-time communication platform with direct messaging using React, TypeScript, Node.js, Express, and PostgreSQL.

Hack KU 2024 - Developed a full-stack MERN application that allows small business owners to schedule shifts and notify employees via email.

EXPERIENCE

Sales Lawrence, KS — Menards

Nov 2024 - Present

Helped design and sell countertops and cabinets to guests and contractors designing their future homes

- Used 3D modeling programs to help design future rooms for clients

Support Technician Lawrence, KS — Lawrence Public Schools

January 2019 - October 2021

Provided technical assistance to more than 2000 students and staff as the primary IT support technician for Lawrence Public Schools in both brick-and-mortar and virtual settings

- Adept at troubleshooting various technical issues regarding a multitude of devices, network and application problems, and more.

EDUCATION

University of Kansas, Lawrence, KS — Computer Science B.Sc.

Graduation Date: May 2026

3.75 GPA

SKILLS

Languages:

- Python
- C/C++/C#
- HTML/CSS/Javascript/Typescript
- React, NodeJS, ExpressJS
- API Experience (REST, public APIs)
- Git

Additional Projects

Media Recommender PERN stack application for users to track media they've watched and recommend popular media they haven't seen.

Hack KU 2023 Created a site that uses public weather APIs to display city-specific weather and suggest nearby pizza places.