

Nate Brewer [GitHub](#) | [Email](#) | [LinkedIn](#) | (859)-878-9252

Nate Brewer

Alexandria, Kentucky, United States

Skills

Languages: Java, JavaScript(NodeJS), PHP, Python, C

Version Control: Git, GitHub (branching, merging, conflicts)

IDEs: VS Code, Visual Studio Community, Arduino IDE, IntelliJ IDE

Development: Debugging, Markdown Documentation

Amazon Tools: EC2, S3

Web & Software: Full Stack, CMS (NodeJS, PHP, MySQL, MongoDB), RESTful API, Socket Programming

Support: Help Desk, IT Assistance, Customer Service, A/V Support

Artificial Intelligence: Debugging, Documentation, research aggregation

Education

Northern Kentucky University

B.S. Applied Software Engineering (Aug 2022 – May 2026)

Dean's List (Fall 2024)

Relevant Coursework: Full-stack Development, Human Computer Interaction, Server-Side Programming

Experience

Research Assistant - Northern Kentucky University (May 2025 – Present)

- Java based multitiered decentralized edge network creation
- Implementing distributed communication via Java Sockets
- Collaborating on system design, testing, and optimization

IT AV Support Specialist – Northern Kentucky University (Feb 2024 – Present)

- Technical support for university events (audio, visual, network)
- Troubleshooting IT issues, enhancing system functionality
- Upgrading technical documentation processes

Planetarium Show Specialist – NKU (Jan 2024 – June 2024)

- Developed and presented immersive dome projections (Digitstar 7, JavaScript)
- Optimized visual content for engagement and efficiency

Team Manager – Kroger (March 2018 – Jan 2024)

- Conflict resolution, Product management, Upper management collaboration
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Projects & Contributions

- **AI API implementation:** Utilizing AI to implement tag creation for CMS
 - **Python Code Samples:** Developed structured Python scripts with documentation
 - **CMS Development:** Built a PHP & MySQL CMS with user authentication
 - **Dante networking system:** Audio studio redesign enhancing routing
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Additional Qualifications

- CompTIA ITF+