

Blake Payne

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EDUCATION

Bachelor of Science in Computer Engineering

Wright State University | Dayton, OH

Minor in German

December 2026

GPA: 3.84

Combined B.S./M.S. (4+1) Program in Computer Engineering

Wright State University | Dayton, OH

December 2027

SKILLS

Programming Languages: Java, Python, Rust, GoLang, C, Matlab

Relevant Technologies: Java Swing, Scripting, Restful APIs, Typst, Ollama, MariaDB, MySQL, TOML

Development Tools: VSCode, Zed, git, JetBrains IDEs, Docker, make, ArduinoIDE

PROJECTS

Karto

Angular, Spring Boot, MariaDB, MySQL, HTTP C.R.U.D. Requests

August 2025 - December 2025

gh.com/FIXME

- make good explanation here pls thanks

LLM Benchmarker

Java, Ollama, Restful APIs

July 2025 - Present

gh.com/bencher

- Benchmarking LLMs from Ollama in Java by evaluating their accuracy on linear algebra problems using the Wolfram Alpha API, contributing insights to LLM mathematical reasoning in the CS research community

Translation Library

Java, Python, TOML

June 2025 - Present

gh.com/Translation-Library

- Building a cross-language TOML-based translation library with a Python CLI and Java Package for managing multilingual content across apps and tools
- Streamlining internationalization by standardizing translation files for smoother developer/translator collaboration

EXPERIENCE

Computer Science Teaching Assistant

Wright State University On-Campus Employment

August 2024 - Present

Fairborn, OH

- Led weekly lecture sections for an average 50 student class size, facilitating engaging discussions and academic support through office hours and personalized communication
- Collaborated with faculty and a team of TAs to coordinate grading logistics, address student concerns, and ensure consistency across course delivery
- Helped drive high student satisfaction ratings and strong course evaluation feedback by leading team coordination efforts and maintaining clear, timely communication with students

EXTRACURRICULAR ACTIVITIES

Vice President, Tau Beta Pi Engineering Honor Society

October 2024 - Present

Treasurer, IEEE Wright State University Student Chapter

August 2023 - Present

University Scholar, Wright State Honors Program

December 2022 - Present

Participant, ACM Annual Fall Programming Contest

October 2023, October 2024

Participant, Make-IT-Wright Hackathon 2025

January 2025

ACHIEVEMENTS

College of Computer Science & Engineering Dean's List

August 2023 - Present

Wright State Honors Program Competitive Scholarship

June 2023