Blake Payne

Dayton, OH | linkedin.com/in/blake-payne | github.com/payne1778

EDUCATION

Bachelor of Science in Computer Engineering — **December 2026**
Wright State University | Dayton, OH — GPA: 3.88
Minor in German

Combined B.S./M.S. (4+1) Program in Computer Engineering — **December 2027**
Wright State University | Dayton, OH

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 — **August 2025 - December 2025**
Angular, Spring Boot, MariaDB, MySQL, HTTP C.R.U.D. Requests — gh.com/FIXME
- make good explaination here pls thanks

LLM Benchmarker — **July 2025 - Present**
Java, Ollama, Restful APIs — 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 — **June 2025 - Present**
Java, Python, TOML — 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 — **August 2024 - Present**
Wright State University On-Campus Employment — *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