

Andrew Thompson

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Education

Mississippi State University — Starkville, MS

Bachelor of Science in Computer Engineering
May 2024
4.0 GPA (Current)

Experience

Intern

Sanmina-SCI Corporation

Huntsville, AL
Summer of 2022

- Worked on and learned about Apache COM box and 1553 bus
- Created testing application software with python team
- Learned about the day-to-day operations of a major company

Intern

Dynetics

Huntsville, AL
Summer of 2023

- Wrote test software for Enduring Shield
- Conducted software reviews
- Sifted through test data

Math Domain Tutor

Mississippi State University

Starkville, MS
September 2021 - January 2022

- Tutored Students in Calculus, Trigonometry, and Algebra
- Proctored MSU Math Tests and Quizzes
- Assisted with homework and taught study techniques

Skills

- Proficient in C++, C, Verilog, CLIPS, and Python
- Experience with debugging, data sheet analysis, and code reviews
- Familiarity with Data Structures, algorithms, Agile workflow, and AI
- Experience with Neural Networks and Reinforcement Learning
- Excellent communications skills as well as being comfortable in an engineering team
- Experience with object oriented programming, socket programming, expert systems, and rule-based programming
- Capable with Gitlab, Collaborator, Confluence, and Jira

Activities and Achievements

- Rotary Youth Leadership Awards Graduate
- Colvard Future Leader Scholarship
- Hosmer Engineering Scholarship
- Mississippi State University Academic Scholarship
- Member of Tau Beta Pi
- Member of Phi Kappa Phi