

Philip Haggard

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Senior software engineering student with professional experience in the software development lifecycle seeking full-time position beginning in the summer of 2024. Skills include proficiency in C++ and C#, version control, unit testing, agile methodologies, and the Atlassian tool suite.

EDUCATION

Mississippi State University

Bachelor of Science in Software Engineering

May 2024

Starkville, MS

- GPA: 4.00 / 4.00
- Phi Kappa Phi Honor Society
- National Merit Finalist Scholar
- MSU President's List

WORK EXPERIENCE

3-GIS/SSP

Software Engineer Intern

June 2022 – August 2023

Remote

- Crafted, engineered, and refined backend solutions utilizing C# within the dynamic .NET framework.
- Collaborated on the development, testing, and debugging phases to produce software tailored for fiber cable network management entities, facilitating seamless mapping, planning, and visualization of intricate fiber cable infrastructures.
- Updated and modernized legacy code ensuring its seamless transition to compliance with the latest SDK standards.

Northrop Grumman

Software Engineer Intern | GMD GFC

May 2021 – August 2021

Huntsville, AL

- Designed, developed, tested, and debugged application software and systems in C++ that provided a vital two-way communication pathway from the ground to the projectile.
- Designed and rigorously tested a Bash script to automate the collection process of source code lines, reducing the time required from days to seconds, streamlining workflow efficiency.
- Acquired security clearance.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Mississippi State University Information Assurance Certificate
- **Skills:** software development; C++; C#; system architecture; debugging and troubleshooting; software testing; documentation; version control; agile methodologies; team collaboration; software lifecycle management; object-oriented design