

# Matthew Chambers

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## EDUCATION

<b>University of Georgia</b> Bachelor of Science in Computer Science	Dec 2024
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## WORK EXPERIENCE

<b>The Home Depot - Atlanta, GA</b> <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Used GCP's Vertex AI to automate vendor product image approval for thousands of products on the website</li></ul>	Jan 2024 - May 2024
<i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Created retail packaging display application in Unity game engine</li></ul>	Aug 2023 - Dec 2023
<i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Created application enabling visibility of transactions with external vendors through Java Springboot and Oracle DB, using SQL and relational Databases.</li><li>Built Data validation system processing millions of orders</li><li>Designed solutions for a 99% uptime environment</li></ul>	May 2023 - Aug 2023
<i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Built React-native app enabling customers the ability to check out items using their smartphones.</li><li>Built app around custom barcode scanning library, enabling interactions with THD systems.</li><li>Performed field research on customers and associates in stores</li></ul>	Jan 2023 - May 2023
<i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Refactored Bluetooth-Low-Energy chipset firmware to 4x battery lifespan by eliminating bugs resulting in chipset entering a cyclical power draining state.</li><li>Developed novel security solutions for power tools, saving projected millions per year.</li><li>Built basic Ruby on Rails web representation of power improvements</li></ul>	Aug 2022 - Dec 2022
<b>Infor - Alpharetta, GA</b> <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Delivered 3 projects written in C# .NET as a part of Infor's cloudsuite software; a Task manager, Review site, Resource management webpage, delivered and used by different customers.</li><li>Wrote scripts for Infor's Coleman AI, implementing XGBoost models.</li></ul>	June 2022 - Aug 2022

## CAMPUS & COMMUNITY INVOLVEMENT

<b>Grace Hopper Conference - Orlando, FL</b>	September 2023
<b>UGAHacks - Athens, GA</b> <i>Sponsorship Organizer</i> <ul style="list-style-type: none"><li>Secure \$50,000 through sponsorship for one of the largest hackathons in the Southeast.</li></ul>	May 2022 - Present
<b>UGAFencing - Athens, GA</b> <i>Captain, Epee</i>	September 2021 - Present

## SKILLS

**Languages:** Java, C++, C, Python, C#, Javascript  
**Relevant Coursework:** Software development, Discrete Math, Systems programming, Theory of Computation, Data Structures, Computer Architecture, Web Development, App development, Data Science