Thomas "Trey" Lanier Orr III

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EDUCATION

VIRGINIA TECH | BS Computer Science   Blacksburg, VA | August 2019 - May 2022
GPA: 3.4

UNIVERSITY OF ALABAMA | Electrical Engineering   Tuscaloosa, AL | August 2018 - May 2019
GPA: 3.8

WORK EXPERIENCE

ITUS DIGITAL | Software Engineer Intern   Roanoke, VA | May 2021 – August 2021

- Built software for industrial companies to manage their asset performance
- Used technologies such as REST APIs and frameworks such as Vue.js to implement new features in the front and back end of the product
- Built a neural network model for marketing to target emails to potential customers based on position titles
- Worked within a scrum team to coordinate and produce code in JavaScript and C#

SKILLS

Programming Languages	Java, C, C#, JavaScript (Vue.js), Python, HTML/CSS, SQL
Tools / Technology	Git, .NET, REST APIs, PostgreSQL, Agile/Scrum, Data Structures

PROJECTS

MIPS ASSEMBLER
Wrote an assembler for the MIPS32 instruction set in C. Worked with a partner to remotely coordinate work and meet product deadlines.

GEOGRAPHIC INFORMATION SYSTEM
Wrote a system in Java to index and provide search capabilities for large databases of GIS records. Implemented data structures such as a hash table and PR quadtree to allow users to complete geographic region, feature type, and name searches.