Garrett Smith

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(901) 848-5190

EDUCATION

Bachelor of Science in Computer Engineering *May 2021*
Minors in Global Engineering Leadership and Math 3.82/4.00 GPA
Certification in Information Assurance
Mississippi State University, Starkville, MS

WORK EXPERIENCE

MSU Center for Advanced Vehicular Systems January 2019 - Oct 2019
Student Worker - Research Assistant *Starkville, MS*
· Processed, analyzed, and displayed experimental research data.

BeyondTrust May 2019 - August 2019
Junior Software Developer *Ridgeland, MS*
· Developed application for the automatic creation of testing environments (See **Projects: Valt**).
· Created and maintained documentation for application usage and development.

MSU Bagley College of Engineering November 2016 - May 2017
Student Worker *Starkville, MS*
· Provided technical support for students, faculty, and staff.

PROJECTS

Valt
Valt is a one-click solution for the configuration, provisioning, and load testing of applications in an Microsoft Active Directory environment of many (1 to 5k) cloud-based endpoints. **Source code now licensed to BeyondTrust Corporation.**

Sound-Track
Sound-track is a home entertainment middleware device for routing audio to in-home speakers based on the user's location. **Hosted on a private repository with Politecnico di Torino.**

Personal projects maintained at https://www.github.com/ggasmithh/

SKILLS

Programming languages (Proficient)	Python, C, C++
Programming languages (Familiar)	GDScript, PHP, Javascript, MIPS, Verilog, Scheme
Software, Tools, and Misc.	GNU/Linux, Terraform, Microsoft Azure, Agile

EXTRA-CURRICULAR

Young Democratic Socialists of America at MSU January 2020 - Present
Co-Founder, Treasurer

Theta Tau Professional Engineering Fraternity, Kappa Beta January 2017 - Present
Active Member

Theta Tau Professional Engineering Fraternity, Kappa Beta August 2018 - January 2019
Conflict Resolution Chair