

Michael Kerr Griffin, Biomedical Engineering Student

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PROFILE

Biomedical Engineering graduate with a strong background in prosthetic design, UX research, and advanced manufacturing techniques. Skilled in CNC and manual machining, 3D modeling with SolidWorks, and instructing students in technical lab environments. Experience includes fabricating custom prosthetic components and conducting usability/accessibility research for clients such as the U.S. Department of Homeland Security and Global Partnership for Telehealth. Passionate about developing innovative, human-centered medical technologies that enhance healthcare accessibility and quality.

Want to know more? Visit: <https://michaelgriffin.biz/>

EMPLOYMENT HISTORY

Jan 2012 — Present	Farmhand, SevenOaks Farm	Cohutta, Ga
	Outside of general farm labor, I fix farm equipment (i.e. Hydraulic systems, motors, transmissions), maintain equipment, carpentry, cattle management, soil testing, welding.	
Aug 2023 — May 2024	Technical Support Worker, Mercer Prosthetic Center	Macon, Ga
	- Teaching students how to safely operate equipment Lathe, Vertical Mill, CNC, Band Saws, etc - Teaching 3D modeling SolidWorks - Manufactured Orthotics and Prosthetics - Assisting any students coming to lab seeking technical guidance	
Aug 2023 — May 2025	Researcher, Mercer University UX Lab	Macon, Ga
	- Worked with Technical Communications Faculty to conduct usability/accessibility testing for real world clients: - U.S. Department of Homeland Security - Global Partnership for Telehealth (GPfT) - Mercer On Mission: Vietnam	
Aug 2023 — May 2024	Teacher Assistant, Mercer University School of Engineering	Macon, Ga
	I assisted in a Graduate level class pertaining to the design and manufacturing of Prosthetic components. I was in charge of some lessons in the Mercer Prosthetic Center teaching graduate Biomedical Engineering Students how to safely use equipment, design 3D models in Solidworks, MasterCam programming for those 3D models, and CNC operation.	

EDUCATION

Aug 2021 — May 2025	Biomedical Engineering, Mercer University	Macon, Ga
	- Major: - Biomedical Engineering - Minors: - Technical Communications - UX Design and Research	

SKILLS

CNC and Manual Machining	UX Research/Design
3D Modeling	Team Management
Prosthetic/Orthotic Design	Material Testing

EXTRA-CURRICULAR ACTIVITIES

Jun 2023 — May 2025	Student President, Mercer Prosthetic and Orthotic Club (MPOC)	Macon, Ga
Aug 2023 — May 2025	Honors Student Instructor, Mercer Prosthetic Center	Macon, Ga

REFERENCES

Dr. Ha Vo from Mercer University

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Dr. Estes Brewer from Mercer University

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