**MARCO MARSHALL**

Huntington, WV 25571

marco.marshall@marshall.edu

www.linkedin.com/in/marcomarshall

**EDUCATION**

Marshall University Huntington, WV

B.S.B.M.E. – Bachelor of Science in Biomedical Engineering Expected: May 2025

Minors in Chemistry and Mathematics

GPA: 3.75

*Honors: Dean's List – all semesters*

**RELEVANT COURSES**

* Biomedical Instrumentation
* Biomaterials
* Biomechanics
* Medical Imaging
* Cellular and Molecular Biology
* Thermodynamics
* Circuits
* Computer-Aided Design

**SKILLS / STRENGTHS**

* Programming languages: MATLAB, Python, C++
* Software: SolidWorks, AutoCAD, COMSOL Multiphysics, Microsoft Office
* Operating Systems: Windows, Mac OS, Linux
* Professional: creative thinker; detail-oriented; strong analytical and problem-solving skills

**PROJECTS**

Capstone Design Project

* Designed a wearable biosensor for real-time monitoring of hydration levels in athletes.
* Integrated flexible electronics and Arduino-based system for data collection and wireless transmission.
* Conducted testing on prototypes, analyzed data, and presented findings to faculty and industry professionals.

**EXPERIENCE**

Marshall Biomedical Research Center Huntington, WV

Biomedical Engineering Intern May 2024 - Present

* Assisted in the design and testing of biomedical devices under faculty supervision.
* Conducted lab experiments involving biomaterials and analyzed data for research projects.
* Collaborated with a multidisciplinary team to prototype a wearable health monitoring system.

Marshall University Huntington, WV

Teaching Assistant September 2023 - May 2024

* Supported students in Introduction to Biomedical Engineering and Biology courses.
* Conducted lab demonstrations and assisted with grading assignments and exams.
* Facilitated study sessions and provided one-on-one tutoring.

**ACTIVITIES**

* Biomedical Engineering Society (BMES), Marshall University, 2022 - Present
* Vice President of Society of Women Engineers (SWE), 2024 – Present