

Malakai DeHuelbes

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Objective:

Motivated and dedicated Biomedical Engineering graduate seeking a full-time position. Passionate about medical devices, 3D printing, and tissue engineering, with hands-on laboratory experience in research, calibrating devices, and supporting product development. Eager to apply technical skills and creativity to contribute to innovative solutions within the biomedical industry, while exploring diverse roles that improve healthcare technology.

EDUCATION

Regis College, Weston, MA

May 2025

Bachelor of Science in Biomedical Engineering

Awards

Dean's List Spring (2022,2024), Senior Leadership and Service Award, Student- Athlete Leadership Award, Love and Service of The Dear Neighbor Without Distinction Award 2024, Senior Resident Assistant Award 2024, Pillar of The Community Award 2024, Rising Star Award 2022.

Major Courses: Biomechanics, Circuits and Sensors, Transport and Fluids, Engineering Standards and Regulations, Organic Chemistry, Biomaterials, Tissue Engineering, Biomedical Instrumentation and Measurements, Medical Imaging, Biomedical Engineering and Design.

Certifications: (CITI)- Biomedical Research, Responsible Conduct of Research.

SKILLS

Professional Skills: 3D design and printing, 3D printer maintenance, medical device design and prototyping, image processing, basic biology and chemistry analysis, independent research, scientific writing and presentation. 2D/3D cell cultures, MSC differentiation, basic histology staining skills, cell-based analysis, ELISA, data analysis.

Communication: Peer teaching, training, public speaking, event organization.

Computer: Matlab, SolidWorks, ImageJ, Microsoft Office365, Google Workspace, Microsoft Teams.

Languages: American Sign Language (ASL), Spanish (Beginner Level).

EXPERIENCE

Laboratory Manager Internship

January 2025- May 2025

Regis College, Weston, MA

- Assisted in the development and setup of a new Biosafety Level 2 (BSL-2) research laboratory designed to support the STEM department at Regis College.
- Gained hands-on experience setting up, registering, calibrating, and troubleshooting laboratory equipment and biomedical devices.

Peer Teaching and Training

September 2021- May 2025

Regis College, Weston, MA

- Gave lectures in biomechanics, quantitative human physiology, circuits and sensors, engineering standards and regulations, transport and fluids, tissue engineering, and neurobiology.
- Trained underclassmen in 3D printing techniques and equipment usage, facilitating hands-on learning experiences.

Resident Assistant/ Senior Resident Assistant (Team Lead)

September 2022 – May 2025

Regis College, Weston, MA

- Demonstrating adaptability and commitment to actively engaging with 100+ residents in the first-year building addressing their concerns, adapting to unexpected challenges, and maintaining confidentiality.

ADDITIONAL LEADERSHIP & VOLUNTEERISM

Senior Class President

September 2023 – May 2025

Regis College, Weston, MA

- Served as the voice for all students by addressing their concerns and promoting their ideas, participating in student government meetings to influence decisions for our campus, and organized class events.