

# SAW WERA KYAW KYAW

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## EDUCATION

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### Bachelor of Science (B.S.) - Computer Science

Bucknell University, Lewisburg, PA

Aug 2021 - May 2025 (Expected)

## EXPERIENCE

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### Augmented Reality (AR) Research Assistant (RA)

Oct 2024 - Present

Bucknell University, Lewisburg, PA

- Study existing sEMG wristband design.
- Research on arm muscle composition and use this information to design a prototype of a sleeve-like device.
- Analyze the optimal sensor placement positions.
- Learn and understand how to program and collect data from MyoWave sensors.
- Apply machine learning models or spectrum analysis methods to map muscle signals to AR limbs.
- Conduct user studies to validate the design.

### Classroom and Event Support Assistant

August 2023 - Present

Bucknell University L&IT, Lewisburg, PA

- Provide help to faculty or staff who call the classroom emergency number during shift.
- Assist faculty and staff prior to the start of the event, so the event gets off to a good start.
- Provide assistance to Classroom Support and Event Support staff as requested.

### Engineering Consultant (Unity Developer)

June 2024 - August 2024

Pennsylvania Small Business Development Center, Lewisburg, PA

- Built a minimum viable product for a virtual travel platform that aims to help students who face a physical and/or financial challenge to participate in a study abroad experience through an online platform.
- Utilized version control systems such as Git to manage source code changes between team members.
- Collaborated closely with designers, artists and other developers to ensure successful completion of projects.

### Network Technician

Oct 2021 - Apr 2022

Bucknell University, Lewisburg, PA

- Created and updated technical documentation for network installations and changes to existing installations.
- Installed and repaired network fiber optic cables and Ethernet cables.
- Verified proper working order of hardware and peripherals.

## Other Skills & Interests

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- **Leadership:** Burmese Cultural Organization @ BU, Bucknell Cycling Team, Global Student Council
- **Skills:** Adobe Photoshop, Illustrator, Python, Java, PHP, C#, Blender, ZBrush Unreal Engine, Unity
- **Programming Languages:** Python, Java, C, C#
- **Interests:** Mixed reality, animation, video editing, cooking, cycling, climbing