

# EMILY VO

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## EDUCATION

**The University of Tennessee, Knoxville,** Tickle College of Engineering

Knoxville, Tennessee

*Bachelor of Science in Computer Science*

Graduation: May 2025

Cumulative GPA: 3.54/4.00

Dean's List Fall 2022, Spring 2023, Fall 2023

## RELEVANT EXPERIENCE

### Phishing Research & Analysis

Knoxville, TN

*Undergraduate Research Assistant*

Jan. 2024 - Present

- Collaborated on a cybersecurity research project on phishing prevention.
- Obtained crucial datasets and conducted comparative analyses between client-side phishing resources and target brand websites.
- Assisted in analyzing JSON data files under supervision for digital security initiatives.
- Enhanced understanding of security practices and contributed to data-driven insights for phishing prevention strategies.

### Mental Health Text-Intervention Development

Knoxville, TN

*Undergraduate Research Assistant*

May 2024 - Aug. 2024

- Developed webpages for UTK's Center for Behavioral Health Research utilizing LAMP stack, CSS, HTML, and React to enhance participant engagement and resource accessibility.
- Designed and implemented a text message intervention using Twilio for backend phone number management and TextIt for the frontend to automate messages as an alternative to in-person therapy.
- Collaborated on the creation of a Qualtrics survey for participant recruitment and eligibility screenings.

## RELEVANT PROJECTS

### Productivity Website

*Programmer, Designer*

- Contributed to a team project for developing a productivity website with gamification features.
- Collaborated on the game development aspect of the website implementation.
- Designed and implemented game mechanics using GDScript, as well as optimizing user experience and engagement of the game.
- Successfully integrated a game reward system into the website to boost user engagement and usability.

### Tutor Scheduling App

*Programmer, Designer*

- Partnered in designing and developing an Android app to streamline tutor scheduling at UT Vol Study.
- Translated user requirements into app features and collaborated closely with a team member throughout the development process.
- Utilized Java and UI design principles to create an intuitive and efficient scheduling solution.
- Improved efficiency of the tutor scheduling process, providing a user-friendly app that enhanced academic support for students.

## SKILLS & ABILITIES

- Proficient in the C suite, Java, JavaScript, Haskell, Python
- Web Development: JavaScript, HTML, CSS, SQL, React, Node.js
- Tools & Software: Unix, Git, VSCode, Android Studio, Unity, Godot, Firebase, WordPress, Microsoft Office
- Design Skills: Graphic Design, UI/UX Principles, Blender, Figma

## ADDITIONAL EXPERIENCE

### Maker's Club

Knoxville, TN

*Member*

August 2022 – May 2023

- Engaged in engineering projects emphasizing problem-solving, creativity and innovation.
- Transformed design concepts into tangible prototypes, honing practical skills in 3D printing, woodworking, laser-cutting, and building electronics.