

Austin Vosler

austin.vosler@ucf.edu | Orlando, FL | (727) - 686 - 9697 | [linkedin.com/in/austinvosler/](https://www.linkedin.com/in/austinvosler/)

EDUCATION

University of Central Florida | Burnett Honors College

Bachelor of Science in Computer Science

Honors/Awards: Pegasus Gold Scholar, National Merit Commended Scholar, Dean's List (F'22, SP'23, F'23, SP'24)

Expected: May 2026

GPA: 3.6

SKILLS

Programming Languages: C, C++, C#, Java, HTML, CSS, Python, JavaScript

Software/Frameworks: Git, Unity, Microsoft Suite, Heroku, Arduino, React, NextJS, Tailwind

Coursework: Computer Science 2, Discrete Structures, Object Oriented Programming, Robot Vision, Cryptography

EXPERIENCE

Team Leader | University of Central Florida, Burnett Honors College

Aug 2023 - Dec 2024

- Mentored 15+ students as they grew accustomed to college life through an open line of communication and constant support.
- Assisted new honors freshmen with making connections in their new environment by organizing external team bonding events.
- Designed activities and discussions that encouraged inquiry and communication revolving around a weekly theme.

Instructor | IDTech @ Stanford University

Jun 2024 - Aug 2024

- Taught daily classes about Unity Development for Virtual Reality to groups aged 13 - 17.
- Created lesson plans and curriculum specifically fit to each groups needs and incoming level of aptitude.
- Worked with teammates to organize other camp events, such as extracurricular activities and safe transportation.

Youth Development Specialist | YMCA of the Suncoast

Jul 2020 - Jul 2022

- Assumed responsibility and provided leadership for large groups of children aged 3 - 12.
- Communicated with teammates, staff from other departments, and parents to create a safe and effective learning environment.
- Organized a variety of activities and events, such as lesson plans, fundraising events, and volunteering opportunities.

Park Maintenance Volunteer | Florida State Parks

Oct 2020 - Apr 2022

- Coordinated groups to clean and maintain the beaches and trails of Honeymoon Island State Park.
- Served as a guide to park guests by providing information regarding different park facilities.

PROJECTS | github.com/AustinVosler

Encrypta | KnightHacksVII Best Hardware Prize

Oct 2024

- Created two handheld encrypted communication devices out of OLED displays, keypads, and ESP32 WROOM microcontrollers.
- Designed the physical interface for the user to interact with, and programmed that functionality into the keypad and buttons.
- Programmed the logic for inputting, encrypting, displaying, and transmitting custom text messages.
- Implemented a custom Playfair encryption cipher fit to our needs that scrambled the messages sent between the devices.

Wizard Defense Service | Video Game / KnightHacks Projects Program 2nd Place

Feb 2024 - Apr 2024

- Developed a 3rd-person ability-based video game with Unity via the high definition render pipeline.
- Arranged and implemented the user interface, including a reactive menuing system, settings editor, and a fluid heads up display.
- Leveraged object oriented principles to create a custom ability framework that includes an inheritance heirarchy and abstraction.
- Spearheaded the art direction by creating 3D modeled levels and producing the sound design, including the game's soundtrack.

CAMPUS INVOLVEMENT

Dean's Leadership Council | Burnett Honors College

Mar 2024 - Present

- Produced events with a selective team that helped foster the Honors College environment, including holiday themed student activities.
- Served as a liason between the Honors College and distinguished guests, such as donors, alumni, and other faculty.
- Organized and preformed in the musical entertainment for public-facing events serving over 300 people.

Workshop Instructor & Mentor | KnightHacks

Feb 2024 - Present

- Taught foundational workshops "Object Oriented Principles" and "Introduction to Unity" to groups of 30 students.
- Mentored underclassmen in a project-based environment, teaching beneficial programming practices and introducing technologies.

Academic Affairs Committee Member | Honors Congress

Aug 2023 - Present

- Worked with a team to organize events that helped club members develop both their personal and professional skills.
- Participated in events that helped create a positive environment for members of the organization.
- Provided technical assistance to organization officers that helped maintain the operation of events, including sound design.