**EDUCATION
Embry-Riddle Aeronautical University** **Daytona Beach, FL**
Bachelor of Science, Software Engineering *Minor: Cybersecurity Engineering* CGPA: 3.4
Graduation Date: December 2024

**PROJECT EXPERIENCE
Concert Preshow Voting Website** (Node.js, Express, HTML, CSS) Sept. 2024 – Nov. 2024
*Individual Project for Touch-N-Go Productions*

* Designed and Developed concert preshow voting website allowing concert goers to submit a variety of vote options for semesterly concert event.

**EcoCAR V2X Simulation** (Matlab, Simulink, RoadRunner)Sept. 2023 – May 2024
*2-Person Team with Senior Design Capstone course.*

* Designed and Developed Vehicle-To-Everything simulation tool used by the EcoCAR Team.
* The simulation took input from simulated sensors or real time sensors on the competition vehicle.

**WORK EXPERIENCE**

**Touch-N-Go Productions Daytona Beach, FL***Special Events Director****,*** *Feb. 2023 – Dec. 2024*

* Managed the Touch-N-Go Programming Committee; a group of students who plan and execute small daytime programming events for the entire student body.
* Handled the planning and execution of joint events with a variety of external Student Organizations throughout the semester.
* Served on the Executive Board of Touch-N-Go Productions, reporting directly to the Chairperson.

*Chairperson, Dec. 2023 – May 2024*

* Managed the Touch-N-Go Executive Board, a team of eight student leaders, in the planning and execution of campus-wide events for the ERAU student body utilizing a $600,000 annual budget.
* Handled the contracting & procurement of acts and the organization of setup for a variety of events including large-scale concerts, comedy and variety shows, and novelty activities, seeing upwards of 3,000 students.
* Served as a voting member of the Executive Board of the Student Government Association, reporting directly to the Student Government President.

**Collins Aerospace, Avionics Cedar Rapids, IA***Software Engineer Co-Op, May 2022 – Dec. 2022*

* Integrated Rapita Verification Suite into Software Testbed for Software Coverage Analysis.
* Conducted Software Verification activities for embedded software.
* Generated and maintained Software Documentation for the Software Verification lifecycle process.
* Tested and verified developed software to Design Assurance Level A fidelity per the DO-178C standard.

**TECHNICAL SKILLS**

Java, Javscript, HTML, CSS, MySQL, Git and GitHub, C/C++, VxWorks, Python, Rapita Verification Suite (RVS), IBM DOORS, Subversion, SCRUM/Agile, Arduino