

Carson Frankovich

frankovc@my.erau.edu | (954) 591 4740 | linkedin/carson-frankovich | github/cfrankovich | frankovich.dev

EDUCATION

Bachelor of Science in Software Engineering with Cyber Security Minor

Daytona Beach, FL | 2026

Embry-Riddle Aeronautical University

GPA – 3.61

EXPERIENCE

AMRA | Autonomous Marine Robotics Association

Daytona Beach, FL | 2022-Present

- Developed software for fully autonomous submarine
- Analyzed potential technologies for submarine use
- Utilized Pixhawk controller for submarine thrusters
- Teamwork using a scrum development process

Skills USA | Computer Programming Competition

Jacksonville, FL | April 2022

- Demonstrated problem-solving abilities earning 2nd place statewide
- Exhibited a keen understanding of data structures and algorithms
- Designed and developed accounting software

University of Central Florida | STEM Initiatives

Orlando, FL | June 2021

- Recognized for producing meticulous documentation and testing reports
 - Developed various Android applications with different use cases
 - Placed 1st in class for excellence in Android Development
 - Awarded for employing “Best Development Practices”
-

EMPLOYMENT

Tutor | Embry-Riddle Aeronautical University College of Engineering

Daytona Beach, FL | 2023-Present

- Tutored students in computer science related courses
- Adapted communication techniques to meet individual needs
- Communicated with professors regarding course expectations

Goji Juicery and Kitchen | Cashier & Food Prep

Cooper City, FL | May-August 2022

- Adapted to fast-paced environment during rush hours
- Facilitated welcoming environment through customer service
- Processed customer order specifications using a point of sales system

Tutor | Cypress Bay Highschool

Weston, FL | 2020-2022

- Provided computer science course tutoring to students

Evoke Solutions, Sklar Furnishings | Website Development Intern

Boca Raton, FL | June 2020

- Obtained product specification data using a web-crawler
- Collaborated with stakeholders to implement optimization strategies
- Redesigned a website with the purpose of enhancing user experience

PROJECTS

eBay Machine Learning Challenge

May 2023

- Designed and implemented named entity recognition (NER) model
- Optimized NER model to achieve optimal predictive accuracy
- Leveraged machine learning techniques to address company goals

Natten, Founder/CEO

May 2023

- Founded and managed a team of software engineers
- Developed and implemented service-based business strategy
- Led and managed cross-functional teams to deliver complex projects

Food Delivery Simulation

December 2022

- Built analytics-driven simulation for restaurant delivery optimization
- Conducted optimization analysis for efficient order fulfillment
- Wrote detailed documentation and academic report on completion
- Adapted an agile development process

Chest Logger

June 2022

- Developed inventory management software for enhanced user control
- Data encapsulation using an object-oriented design
- Implemented an authentication mechanism to safeguard user data

Go2DaMoon

December 2021

- Obtained 7 million entries of unstructured lunar data from NASA
- Manipulated data entries to produce meaningful information
- Rendered a realistic image of the terrain of the moon using data
- Calculated height, slope, and depth for lunar coordinates

FlashRPG

November 2021

- Led a team of five developers to create an educational flash card game
- Managed and organized a large repository using Git
- Adapted scrum development process

SKILLS

Programming/Scripting Languages: Java, C/C++, Python

Web Development: Flask, React, Next, Vite, Javascript, Typescript, HTML/CSS

Operating Systems: Linux (Gentoo, Arch, Ubuntu), Windows 10/11, MacOS

Technology: Git, Bash, CMake, Docker