

Carson Frankovich

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EDUCATION

Bachelor of Science in Software Engineering

Daytona Beach, FL | 2026

GPA – 3.80

Embry-Riddle Aeronautical University

EXPERIENCE

AMRA | Autonomous Marine Robotics Association

Daytona Beach, FL | 2022-Present

- Developed software for fully autonomous submarine
- Worked with ROS Melodic
- Utilized Pixhawk controller for submarine thrusters
- Teamwork using a scrum development process

Skills USA | Computer Programming Competition

Jacksonville, FL | April 2022

- Placed 2nd in the state of Florida
- Designed and implemented accounting software using Tkinter

University of Central Florida | STEM Initiatives

Orlando, FL | June 2021

- Developed Android applications using LibGDX
 - Placed 1st in Android Development
 - Awarded Best Development Practices
 - Recognized for detailed documentation
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WORK EXPERIENCE

Evoked Solutions, Sklar Furnishings | Website Development Intern

Boca Raton, FL | June 2020

- Redesigned a website with the purpose of enhancing user experience
 - Harvested product specifications using a Web-crawler
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PROJECTS

Food Delivery Simulation

December 2022

- Simulated a restaurant delivery service using Java
- Drafted and implemented a software testing plan
- Adapted an agile development process
- Wrote detailed documentation and manual on completion

Chest Logger

June 2022

- Inventory management software
- Data encapsulation using an object-oriented design
- Implemented standard security procedures to protect user data
- Developed using Java and Spigot API

Go2DaMoon

December 2021

- Processed 7 million lines of lunar data from NASA
- Rendered a photo realistic image of the terrain of the moon
- Calculated height, slope, and depth for lunar coordinates
- Developed using Python with a data-parser in C++

FlashRPG

November 2021

- Lead a team of 5 developers to create an educational flash card game
- Managed and organized a large repository using Git
- Developed using Python

SKILLS

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

Web Development: Flask, JavaScript, HTML/CSS

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

Technology: Git, Bash, Latex