

Alexander Winkler

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EDUCATION

Eastern Florida State

BAS Software Development

May 2021 - December 2025

- Deg. GPA: 4.0

EXPERIENCE

Police Officer

Jan. 2022 – Jan. 2023

City of Rockledge

- Led emergency responses, demonstrating the ability to take charge and produce detailed precise reports to ensure thorough documentation.
- Clearly conveyed information during high-pressure situations, ensuring accurate decision-making and precise reporting

PROJECTS

UAV Specs Explorer | *React, Javascript, HTML/CSS*

- Leveraged Wikipedia API to aggregate and parse technical specifications of military drones and satellites into structured datasets.
- capable of searching 13,000+ drones and retrieving 15+ specifications per query

Weather Satellite | *Python, React, Javascript, HTML/CSS*

- Led and collaborated with a team of 3 classmates, guiding the project through all stages, from initial requirements to debugging
- Redesigned a Python/Tkinter desktop app into a scalable React.js frontend with OpenWeather API integration and full mobile compatibility

Personal Site | *React, Javascript, HTML/CSS*

- Personal portfolio site in React with mobile compatibility and dynamic Particle.js background

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML/CSS

Frameworks: React, Node.js

Developer Tools: Git, VS Code, Eclipse

Libraries: Particles.JS