

# Alexander Winkler

<https://ailothh.github.io/website2/> | [Alexwinkler1@icloud.com](mailto:Alexwinkler1@icloud.com)

## EDUCATION

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### Eastern Florida State

*BAS Software Development*

*May 2021 - December 2025*

- Deg. GPA: 4.0

## EXPERIENCE

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### 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

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

[Link](#)

- 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*

[Link](#)

- 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*

[Link](#)

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

## TECHNICAL SKILLS

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

**Frameworks:** React, Node.js

**Developer Tools:** Git, VS Code, Eclipse

**Libraries:** Particles.JS