Dylan Liesenfelt

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Professional Summary

Software engineer and U.S. Navy veteran transitioning into tech with a focus on machine learning and full-stack development. Experienced in building predictive models and web applications using Python, JavaScript, and modern frameworks. Currently pursuing a B.A. in Computer Science with a minor in AI at Florida Atlantic University. Passionate about leveraging data to solve real-world problems and seeking a role in machine learning or backend development.

Skills

Languages: Python, JavaScript, Java, HTML/CSS, SQL
Frameworks: React, Node.js, Express
Tools: Git, GitHub, Vite, Chart.js, Flask, Pandas, Seaborn, Scikit-learn, Numpy, Matplotlib, Bootstrap, AWSamplify

Projects

Bubbanaut.net – React

- Personal portfolio website showcasing projects and development skills using React.

NextPass – Python, React, Flask, SQLite, Pandas, SciKit-Learn, BeautifulSoup (In progress)

- Developed a machine learning model to predict NFL quarterback passing yards using linear regression.
- Used web scraping to collect data to train model and aggregate sports books betting odds for head to head comparisons
- Built a full-stack application with a React frontend and Flask backend.

Clickmageddon – JavaScript, HTML, CSS (In progress)

- Cookie-clicker-style web game promoting community-driven artwork and artist exposure.

- Designed engaging interface and game loop mechanics using vanilla JavaScript.

Experience

Petty Officer Second Class, Aviation Electrician's Mate
Department of Defense, United States Navy
September 2014 – July 2022

• Performed maintenance on aircraft electrical systems including power, lighting, and navigation systems.

• Conducted pre/post-flight inspections and troubleshooting between crew changes.

• Acted as CDQAR, ensuring maintenance procedures followed safety standards and technical publications.

• Supervised a night shift team of five sailors to meet operational goals efficiently.

Education

Florida Atlantic University — Boca Raton, FL
Bachelor of Arts in Computer Science, Minor in Artificial Intelligence
Expected May 2026

Broward College — Davie, FL
Associate of Arts
August 2022 – May 2024

Certifications

• Introduction to Software Development - Amazon, Coursera

• Get Started with Python – Google, Coursera