

# Caitlin Ann Bax

## Entry-Level Software Engineer

Veteran | DoD Security Clearance

Email: baxc@oregonstate.edu | Portfolio: <https://caitlin-bax.vercel.app>

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### PROFESSIONAL SUMMARY

Post-bacc CS student and U.S. Air Force veteran with production experience in full-stack web apps and predictive analytics. Experienced in Python, JavaScript/TypeScript, React, and Django. Known for converting ambiguous specs into clean, testable code and thriving in agile teams. Seeking a junior SDE role creating reliable, user-focused solutions.

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### CORE TECHNICAL SKILLS

- **Languages:** Python, JavaScript/TypeScript, C
- **Frameworks/Libraries:** React, Node.js/Express, Django, Tailwind, Bootstrap
- **Databases:** PostgreSQL, MySQL, MongoDB

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### EXPERIENCE

#### Software Engineering Intern – 911 Call Forecasting Web App

*Oregon State University / Levrum · Mar – Jun 2025*

- Led development of a time-series system predicting hourly 911 call volumes.
- Applied Holt-Winters smoothing to historical dispatch data, outperforming XGBoost MAE.
- Optimized training workflow, cutting runtime by **5-10 seconds** per iteration.

#### Aerospace Medical Technician

*United States Air Force · Apr 2019 – Apr 2022*

- Delivered emergency medical care in high-pressure environments under strict protocols.
- Honed rapid problem-solving, teamwork, and mission-critical communication—skills now applied to dev teams.

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### EDUCATION

**B.S. (Post-Bacc) Computer Science** — Oregon State University · Apr 2022 – Jun 2025

**B.A. Political Science (International Relations)** — University of Arizona · 2018