

# Dillon Prendergast

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U.S. Citizen • Based in Brazil (GMT-3) • Authorized for Remote Work

DevOps & Security Engineer building containerized test frameworks and automated data pipelines. Experienced in Docker, CI/CD, and scalable API development for research and cybersecurity applications. Passionate about efficient systems that turn technical rigor into measurable impact.

## EXPERIENCE

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### Sepal AI

*DevOps Engineer*

Remote

*August 2025 – Present*

- Developed containerized Python environments to reproduce and patch live CVE vulnerabilities, enabling reproducible, automated security evaluations across 30+ benchmarks.
- Streamlined bioinformatics workflow validation by unifying DevOps pipelines with offline Docker builds, reducing environment setup time by 60%.

### Johns Hopkins University Applied Physics Lab

*Cybersecurity Software Engineer*

Laurel, MD

*June 2020 – July 2025*

- Led cybersecurity evaluations for a national defense sponsor, delivering bi-monthly risk reports to inform program-level decisions.
- Developed secure API gateways using digital signatures to protect genomic research data integrity in distributed environments.
- Created a text-extraction and enrichment pipeline using NLTK + regex, deployed via Streamlit with SQLite, producing new insights from unstructured research data.
- Redesigned a classified system's backend architecture from C to Python/FastAPI/SQLAlchemy, enabling new analytics APIs and faster integration with modern front-ends.
- Automated cybersecurity dashboards with Selenium tests and CI/CD hooks, reducing validation effort by 70%.

## PROJECTS

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### E-Commerce Data Automation (Trading Card Pipeline)

*January 2025 – July 2025*

- Built a Google Apps Script to parse metadata and pricing information for trading cards to generate structured eBay listings, automating 100+ monthly transactions.

## EDUCATION

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### Florida State University

*Master of Science in Computer Science*

Tallahassee, FL

*January 2019 – May 2020*

*Bachelor of Science in Computer Science*

*August 2015 – December 2018*

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript/TypeScript, SQL, Bash, Regex

**Frameworks:** FastAPI, Django, Angular, Streamlit, SQLAlchemy, Pandas, Selenium

**DevOps & Cloud:** Docker, GitLab CI/CD, AWS

**Security:** MITRE ATT&CK, DoDCAR, Zero Trust, CVE analysis

**Specialties:** Automation, Containerization, Data Integration, Web Scraping

## LANGUAGES

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**English:** Native | **German:** B1 | **Brazilian Portuguese:** A2