

Lakeland, FL

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# Gervonte Fowler

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## SKILLS

### LANGUAGES & TOOLS

Python, TypeScript, JavaScript (React, Node.js, Express), HTML, CSS, REST APIs, PostgreSQL, GraphQL (familiar), Git, GitHub Actions

### DATA & INFRASTRUCTURE

API Development & Consumption, Docker (basic), LLM Evaluation, Prompt Engineering, Model Interpretability (LIME), Unit & Integration Testing, CI/CD Pipelines

### PRODUCT EXPERIENCE

Product Thinking, Agile Development, Developer Experience, Human-in-the-loop Evaluation, API Usability & Documentation, UI/UX Iteration

## EXPERIENCE

### **NovaCredit (Fintech Startup), San Francisco, CA** – *Software Engineer, Full Stack*

August 2020 – June 2022

- Shipped production-ready full-stack features using React, Node.js, and PostgreSQL, exposing real-time credit data through secure, scalable REST APIs.
- Refactored internal APIs into developer-facing public endpoints, complete with API documentation, onboarding flows, and test sandboxes.
- Collaborated on testing, deployment, and monitoring pipelines to ensure reliability and traceability across internal and partner-facing systems.
- Built modular React (TypeScript) components to support iterative product experiments and rapid A/B testing.

## PROJECTS & RESEARCH

### **AI-Assisted User Story Generation** – *Graduate Research Project*

Spring 2025

- Evaluated LLMs (ChatGPT, Gemini, QWEN) for generating Agile user stories using structured metrics such as coherence, completeness, and relevance.
- Developed a lightweight framework for integrating LLM outputs into real-world Agile workflows to improve clarity and delivery speed.
- Simulated product integration and human-in-the-loop validation, emphasizing real-world usage and developer trust.

### **Enhancing Fake News Detection with Explainability** – *Graduate Research Project*

Spring 2025

- Added LIME-based explainability to a high-accuracy classification model for fake news detection, improving transparency for non-technical stakeholders.
- Built interactive HTML visualizations of model decisions to simulate user-facing explainability tools.
- Analyzed the system's robustness and generalizability to mimic production-ready ML pipelines.

## EDUCATION

### **Florida Polytechnic University, Lakeland, FL** – *M.S. Computer Science*

June 2025 | GPA 3.26

### **Florida Polytechnic University, Lakeland, FL** – *B.S. Computer Science*

May 2020 | GPA 3.54

## LEADERSHIP & INITIATIVES

Treasurer, National Society of Black Engineers (NSBE)

Florida Polytechnic University Chapter

- Oversaw budgeting and logistics for conference attendance, managing registrations, hotels, and travel.