

JORDAN CAMPBELL

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SUMMARY

Full-stack SWE (**React/TypeScript/PostgreSQL**) graduating May 2026. Skilled at building **high-performance, reliable systems** that integrate with both software and hardware environments. Strong foundation in system design, debugging, and distributed computing, with the ability to adapt quickly and take ownership in fast-paced engineering teams.

EDUCATION

University of Central Florida - Orlando, FL
Bachelors of Science, BS - Computer Science
GPA: 3.6

Expected Graduation: May 2026

EXPERIENCE

Software Engineering Intern - *Fidelity Investments, Durham, NC* **June 2025 – Aug 2025**

- Shipped UI for WingNav, an internal AI code-navigation tool (**Angular/TypeScript/Jest**), accelerating developer onboarding and enabling faster cross-repo search/navigation.
- Enhanced **CI/CD** with dynamic PR labeling and metadata, improving searchability and filter precision across a large **Nx monorepo**.
- Maintained and expanded a shared component library, enforcing design and behavior consistency across internal apps.
- Collaborated with product/design in short iterations, practicing early-stage delivery patterns inside a large enterprise.

Systems Engineering Intern - *Lockheed Martin, Orlando, FL*

July 2024 – Dec 2024

- Developed **real-time simulation data pipelines** for sensor systems, optimizing lookup and interpolation under heavy load.
- Improved backend reliability for data processing systems supporting mission-critical simulation environments.

Fellow - *Netflix + Formation SWE Fellowship, Remote*

May 2024 – Dec 2024

- Selected for a competitive program focused on **system design, distributed algorithms, and backend scalability**.
- Collaborated with peers and mentors on projects simulating production-scale engineering challenges.

Additive Manufacturing Intern - *KAIROS, Inc, California, MD*

May 2023 – Aug 2023

- Designed firmware integrations in **C++/Arduino** for resin printers, improving reliability of hardware control.
- Built monitoring software to visualize real-time machine usage and material consumption in production workflows.

IT Intern - *KAIROS, Inc, California, MD*

Jun 2022 – Sep 2022

- Configured PCs for AM clients by assembling, customizing, and fine-tuning CPU and GPU settings to meet specific requirements.
- Facilitated office IT tasks by initializing user laptops and providing necessary software and account permissions to team members.

PROJECTS

GoViral | *React, Node.js, Express, GPT-4o, ElevenLabs, Google Cloud Platform*

- Full-stack app that transforms viral short-form videos into new content by extracting transcripts, rewriting via **LLM**, and generating audio + auto-captioned video.
- Designed scalable backend pipeline with error handling, long-task orchestration, and content storage.
- Built responsive **React** UI for video selection, editing, and preview; integrated **LLM** output into end-to-end user flow.

Gapdle | *Angular, Typescript, Java, Spring Boot, PostgreSQL, AWS*

- Built a **community-driven** race prediction platform, implementing backend pipelines for submission ingestion, moderation, and voting workflows.
- Integrated role-based auth with **JWT**, moderation workflow, **PostgreSQL** schema + migrations, race selection logic.
- Exposed scalable **REST APIs** with strong reliability guarantees for interactive features.

SKILLS

Languages: Python, Java, C++, C, TypeScript, JavaScript,

Frontend: React, Angular, Tailwind CSS, Jest, Nx

Backend: Node.js, Express, Spring Boot, REST APIs, JWT Auth

Data: PostgreSQL, MySQL, Redis

Infra/Cloud: AWS (EC2, S3, RDS, Lambda), GCP, Docker, Jenkins, Nx