

Anthony Terry

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EDUCATION

University of Central Florida <i>Bachelor of Science in Computer Science, Minor in Math</i> Organizations: ColorStack, NSBE, SHPE, SASE, Knight Hacks, CodePath	Orlando, FL Dec. 2026
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EXPERIENCE

Software Engineer Intern <i>The Walt Disney Company</i> • Incoming Software Engineer Intern for the GET SS-W-Attractions Systems Team at Disney Experiences!	Jan. 2026 – May 2026 Orlando, FL
Software Engineer Intern <i>Florida Blue</i> • Contributed to the Preferences & Consents, and Sales Team as a Web Application Developer. • Automated 60% of smoke test cases for the Preferences and Consents website and BDD functional test cases for the Sales website using Playwright and Cucumber , cutting manual testing time and accelerating release cycles. • Implemented core QueryGPT features with Python , LangChain , and SQL to improve LLM Q&A accuracy and speed. • Tested LLM Q&A endpoints with Bruno to identify and resolve query-handling errors, improving response reliability.	May 2025 – Present Jacksonville, FL
Workshop Director <i>Knight Hacks</i> • Managed a team of 13 to teach 500+ students professional and software development skills in workshops. • Organized workshops with sponsor companies and clubs to create internship & networking opportunities for students. • Introduced new workshop formats that increased participant engagement by 30% compared to previous semesters. • Collaborated in organizing Knight Hacks 2025 Hackathon for over 1500+ registrants, 1000+ hackers and 15+ sponsors.	Aug. 2024 – Present Orlando, FL
Undergraduate Researcher <i>Propulsion & Energy Research Lab</i> • Researched AI integration for Physics-Informed Neural Networks (PINNs) to improve computational efficiency. • Improved PINNs training performance by over 8% through integration of tailored AI/ML techniques. • Trained PyTorch -based neural networks to simulate turbulence patterns, supporting jet engine experiment analysis. • Assisted 2+ researchers in jet engine experiments, gathering turbulence, vector field, and velocity magnitude data.	Jan. 2025 – May 2025 Orlando, FL

PROJECTS

CareerWise <i>Supabase, FastAPI, PostHog, React, TypeScript, Next.js, Recharts, Leaflet.js, Mapbox</i> • 1st Place Winner out of 8 projects for CareerRise's Challenge at JPMorganChase Code For Good 2025 Hackathon . • Developed a full-stack economic mobility dashboard analyzing 77+ metrics across 7 indicator categories for 11 counties. • Built an automated ETL pipeline processing 40,000+ quarterly employment records from the Bureau of Labor Statistics API. • Implemented an interactive Leaflet.js heat map, dynamic PDF exports, text-to-speech, and autonomous data updates.	Nov. 2025
Formify <i>Python, OpenCV, MediaPipe, Flask, HTML, CSS, JavaScript, C++, Arduino</i> • 1st Place Winner out of 93 projects for the Best Overall Award at Knight Hacks 2024 Hackathon . • Advocated for physical therapy patients through a website with motion tracking and haptic feedback for guided exercises. • Integrated AI-driven motion analysis, using OpenCV and MediaPipe to evaluate user movements in real-time. • Collaborated on integrating an ESP32-powered glove with vibration motors responding to motion analysis feedback.	Oct. 2024
Potara <i>Gemini, Express.js, MinIO, nginx, PostgreSQL, Prisma, Docker, React, JavaScript, DigitalOcean</i> • Developed an art assistance tool powered by Google Gemini that simplifies reference images into basic shapes and provides real-time feedback via an AI mentor, enabling users to draw interactively on a web-based canvas. • Reduced live feedback latency from 15s to under 5s by optimizing data transfer, using base64-encoded data. • Built a full CI/CD pipeline on a VPS, reducing deployment times by 5 minutes and streamlining release processes. • Designed and developed the frontend of the website, utilizing tools like Figma , Tailwind CSS , and React .	Sep. 2025

TECHNICAL SKILLS

Languages: Python, Java, C, C++, C#, HTML, CSS, JavaScript, TypeScript, SQL
Frameworks/Libraries: React, Tailwind CSS, Node.js, Flask, Playwright, LangChain, Prisma, Next.js, FastAPI
Tools: Windows, Linux, Git, Visual Studio, Unity, PostgreSQL, Docker, AWS, Figma, Blender, Bruno, Android Studio