

# Anthony Terry

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## EDUCATION

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

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

## PROJECTS

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| <b>CareerWise</b>   <i>Supabase, FastAPI, PostHog, React, TypeScript, Next.js, Mapbox, Recharts, Leaflet</i><br>• <b>1st Place Winner</b> out of <b>8</b> projects for CareerRise's Challenge at <b>JPMorganChase Code for Good 2025 Hackathon</b> .<br>• Developed a full-stack economic mobility dashboard analyzing <b>77+</b> metrics across <b>7</b> indicator categories for <b>11</b> counties.<br>• Built an automated ETL pipeline processing <b>40,000+</b> quarterly employment records from the Bureau of Labor Statistics API.<br>• Implemented an interactive <b>Leaflet</b> heat map, dynamic PDF exports, text-to-speech, and monthly autonomous data updates.  | Nov. 2025 |
| <b>Formify</b>   <i>Python, OpenCV, MediaPipe, Flask, HTML, CSS, JavaScript, C++, Arduino</i><br>• <b>1st Place Winner</b> out of <b>93</b> projects for the <b>Best Overall Award</b> at <b>Knight Hacks 2024 Hackathon</b> .<br>• Advocated for physical therapy patients through a website with motion tracking and haptic feedback for guided exercises.<br>• Integrated AI-driven motion analysis, using <b>OpenCV</b> and <b>MediaPipe</b> to evaluate user movements in real-time at <b>28 FPS</b> .<br>• Collaborated on integrating an <b>ESP32-powered glove</b> with vibration motors responding to motion analysis feedback.  | Oct. 2024 |
| <b>Potara</b>   <i>Gemini, Express.js, MinIO, NGINX, PostgreSQL, Prisma, Docker, React, JavaScript, DigitalOcean</i><br>• Developed an art assistance tool powered by <b>Google Gemini</b> 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.<br>• Reduced live feedback latency from <b>15s to under 5s</b> by optimizing data transfer, using base64-encoded data.<br>• Built a full CI/CD pipeline on a VPS, reducing deployment times by <b>5 minutes</b> and streamlining release processes.<br>• Designed and developed the frontend of the website, utilizing tools like <b>Figma</b> , <b>Tailwind CSS</b> , and <b>React</b> . | 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