

Samuel Ebaugh

sam.ebaugh@gmail.com • (321) 432-1283 • linkedin.com/in/samuel-ebaugh • github.com/kalypso2 • samebaugh.com

EDUCATION

The University of Central Florida | Orlando, FL

B.S. in Computer Science

May 2026

- **Relevant Courses:** Machine Learning, Cyber Defense Analysis, Object-Oriented Software Development

Eastern Florida State College | Melbourne, FL

Associate of Arts

August 2022

PROJECTS

Ask Knightro (Node.js, Gemini API, RAG, NLP)

June 2025

- Developed a solo AI chatbot for UCF using Google Gemini API and a Retrieval-Augmented Generation pipeline
- Built a full-stack application to parse and query thousands of university documents via a custom knowledge base
- Integrated NLP techniques and prompt engineering to improve reasoning and response quality

ScholarKnights (React.js, Node.js, MongoDB, Flutter/Dart) (scholarknights.com)

March 2025

- Engineered backend architecture: designed RESTful APIs and managed MongoDB schema
- Created Gantt charts and sequence diagrams to organize team workflow
- Developed a complete mobile interface independently using Flutter and Dart

Contact Cloud (LAMP Stack: Linux, Apache, MySQL, PHP)

January 2025

- Wrote all backend APIs in PHP; coordinated Gantt charts and timeline planning
- Assisted with frontend design in Figma and designed database schema using MySQL

EXPERIENCE

Research & Development Intern | OneEthos | Remote - Orlando, FL

August 2025 - Present

- Spearheaded development of a nationwide Small Business Portal for Climate First Bank, architecting an automated ETL pipeline to populate and verify millions of U.S. business records.
- Directed cross-functional team using Agile/Jira workflows, managing timelines, PRDs, and data-verification standards across engineering, design, and compliance stakeholders.
- Integrated AI-powered classification and verification systems (OpenAI / Gemini) into the data pipeline to automatically flag, score, and categorize businesses by mission-driven attributes

Shift Lead | BurgerFi | Orlando, FL

October 2023 - December 2024

- Supervised daily operations and led team coordination in a high-volume environment
- Trained and onboarded new staff, improving shift efficiency and consistency
- Streamlined POS workflows, reducing order errors and average wait time

Percussion Instructor | Eau Gallie High School | Melbourne, FL

May 2021 - December 2021

- Designed lesson plans and performance goals for competitive competitions
- Maintained percussion equipment, ensuring readiness and safety

TECHNICAL SKILLS

Languages: Python, C/C++, C#, Java, JavaScript, TypeScript, Dart, PHP, SQL, Haskell, HTML/CSS

Frameworks/Tools: React, Next.js, Node.js, Express, Flutter, Tailwind, MongoDB, MySQL, Docker, GitHub, Postman, Figma

AI & Systems: Gemini API, OpenAI API, Prompt Engineering, RAG, NLP, LangChain, Linux, AWS, VirtualBox/VMWare

CERTIFICATIONS AND INVOLVEMENT

- **AWS Academy Cloud Foundations & AWS Academy Cloud Security Foundations** – AWS Academy Graduate 2024
- **TestOut CyberDefense Pro Certificate** – TestOut Graduate 2024
- **Member**, KnightHacks and Hack UCF
- **Competitor**, eCitadel Open 2025 & UCF GemiKnights Hackathon