

# Danny Lawrence

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## EDUCATION

### Florida International University

Miami, FL

Bachelor in Computer Science | GPA: 3.3

May 2026

**Courses:** Data Structures, Algorithms, SWE, Systems Programming, Machine Learning, Computer Architecture

**Extracurricular Courses:** CodePath E3 Scholar - Technical Interview Prep & Web Development

**Societies:** INIT FIU, Codepath, Google Developer Student Clubs, Break Through Tech Miami

## EXPERIENCE

### GlaxoSmithKline (GSK) | Solutions Architect Intern

Jan 2023 - April 2023

- Analyzed medical data sets, reducing socioeconomic barriers by 15% in underrepresented communities.
- Presented data driven Agile solutions to medical experts, increasing vaccination rates in marginalized areas.
- Collaborated with data scientists and health experts to design strategies improving healthcare accessibility.

### Iglesia Ni Cristo | Technical Engineer

Sept 2023 - Dec 2024

- Developed **Python** programs to sync timestamps with media files, improving workflow efficiency by 30%.
- Deployed a cloud-based automated logging system to streamline attendance tracking and data management.
- Collaborated with IT in debugging systems with test scripts to ensure efficient technical operations.

### PPCHS | Web Development Teacher Assistant

Aug 2021- May 2022

- Instructed **HTML, CSS, JavaScript, and SQL** to students providing hands-on development guidance.
- Introduced students to **Git, MySQL, and Dreamweaver**, enhancing their practical coding knowledge.
- Guided students through hands-on projects, providing mentorship to enhance their programming skills.

## PROJECTS

### Cheffy (eMerge Americas 2024) - iOS App for Pantry Management

- Helped users reduce food waste by 25% through an AI-powered mobile development pantry tracking app.
- Created a database system to track shelf life, prevent food spoilage, and streamline inventory management.
- Used **Machine Learning** to identify food items via camera to automatically be stored in our database.

### Appli (INIT FIU Web Dev Team) - Full-Stack Job Application Tracker

- Developed a full-stack job application tracking web app using MongoDB, Express.js, React.js, and Node.js.
- Led backend development, optimizing real-time application status updates for tracking and user experience.
- Designed a high-fidelity Figma prototype and built an intuitive frontend using HTML, CSS, and React.js.

### EcoDenify (ShellHacks 2023 Winner) - E-Waste Reduction Web App

- Increased e-waste recycling efficiency by 30% through an optimized disposal tracking system.
- Developed a Flask-based web application to help users locate and access proper e-waste disposal sites.
- Designed a responsive and user-friendly interface using **HTML, CSS, and Flask** for seamless navigation.

### CodeNected (User Experience Team Lead) - Local Networking Platform for Coders

- Led a team of engineers creating a networking platform, connecting local coders fostering collaboration.
- Conducted user research and interviews to refine the UI/UX, to create intuitive and user-centered designs
- Developed our frontend with Material UI, integrating feedback from testing to enhance functionality.

## TECHNICAL SKILLS

**Language:** Python, Java, C#, C++, JavaScript, SQL, HTML, CSS, React.js,

**Tools:** APIs, PostgreSQL, MySQL, Github, React.js, Node.js, Excel, MongoDB, AWS, Figma, Visual Studio Code