

# Mitchell Ogbo

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## EDUCATION

**B.S. SOFTWARE ENGINEERING** | SEPTEMBER 2023 – PRESENT | EXPECTED GRADUATION: JUNE 2027

- Near East University | Lefkosa, Cyprus

**HIGH SCHOOL DIPLOMA** | SEPTEMBER 2017 – JULY 2022

- St. Gregory's College | Lagos, Nigeria

## TECHINICAL SKILLS

### LANGUAGES/TOOLS/Frameworks/CONCEPTS

- Python, SQLite, Git, Selenium, BeautifulSoup
- Flask, Pandas, Plotly, Matplotlib

## PROFESSIONAL EXPERIENCE

### HACKATHON PARTICIPANT | CYPRUS CODES | APR 2024

- Developed PlanSmith, an AI-driven extension to enhance construction management.
- Collaborated with a team using JavaScript, resulting in a tool for floor plan generation and cost estimation.
- Architected a multi-module application and created a testing library, improving testing efficiency across teams.

## PERSONAL PROJECTS

### MUSIC TIME MACHINE

- Developed a Python application creating Spotify playlists from historical Billboard Hot 100 charts.
- Used BeautifulSoup for web scraping and Spotipy for Spotify Web API integration.

### BLOG WEBPAGE

- Built a blog website with Flask, featuring user registration and secure login.
- Managed database operations with SQLAlchemy and implemented a comment section.

### STOCK ALERTS APP

- Created an app tracking stock prices and sending alerts for significant changes.
- Integrated API calls and SMS notifications using requests library and Twilio SDK.

### LEGO DATA ANALYSIS

- Investigated a comprehensive dataset on LEGO to uncover trends and insights about the company's history, product offerings, and most popular themes.
- Presented insights on LEGO's product evolution and popularity trends.