

# Emile Tamanji

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## **EDUCATION**

Temple University, College of Engineering and fox school of business Philadelphia, Pennsylvania  
**Bachelor of Science in Electrical Computer Engineering, Minor in finance** Graduation Expected: June 2027

**Selected Course:** Engineering Analysis, Engineering computation, Circuits and Electronics, Circuit Design

## **SKILLS**

- MATLAB, HTML/CSS, Excel, Python, C, C++, and Linux

## **RELEVANT EXPERIENCE**

**Build a Four-Way Traffic Flow Algorithm in MATLAB** May 2025

- Extracted four equations from the four roads put in linear equations.
- Design the algorithm to find the total number of cars on each road ( $AX=B$ ).

**Design an algorithm to analyze climate data for Global Warming in MATLAB** May 2025

- Extracted Carbon, Methane and Global Temperature data form NOAA to analyze.
- Build an algorithm to predict the data in 2032 using polynomial regression formula.
- Design another algorithm to check if Carbon and Methane both cause temperature to rise using Pearson Correlation

**Build Guessing Game with C Language** June 2024

- Build functions to make the program readable and reusable.
- Create multiple variables to store guess numbers and players input guess numbers.
- Design a condition statement to check if the player guesses correctly while tracking the player's playtime.

**Build Personal Website with HTML/CSS** June 2024

- Design the structure content, image, text, and other elements on the webpage with HTML.
- Styled the webpage with CSS by adjusting font size and more styling.

## **WORK EXPERIENCE**

Giant Food Store St Davids, Pennsylvania June 2023 - June 2025

### **Cashier**

- Handled sales transactions, and processed payments.
- Assisted customers with locating store items and helped customers with any needs.
- Communication was an important part of the job, for example, incorrect cash handling, items not found, etc.
- Friendliness to the customers makes customers happy.

Manna

**Volunteer** Philadelphia, Pennsylvania August 2024

- Assisted with food preparation, breeding chicken, and placing it on baking trays for cooking.
- Assisted chefs or leading cooks with basic cooking tasks.
- Putting eating supplies together.