

# Alphin Shajan

U.S. Permanent Resident

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## EDUCATION

### Temple University College of Science and Technology

Bachelor of Science in Computer Science, GPA: 3.8

Philadelphia, PA

Anticipated Graduation: May 2026

## EXPERIENCE

### Temple University

Undergraduate Research Assistant

August 2024 – Present

Philadelphia, PA

- Developed and maintained a Slack-integrated photo bot to promote community-building and reduce imposter syndrome for members of research labs
- Designed and implemented timed prompts and data collection systems to analyze user engagement
- Analyzed survey and interview data to provide insights on community integration

### Temple University

OwlHacks Hackathon Participant

October 2024

Philadelphia, PA

- Collaborated within a team using Agile methodology to develop "Tinder for Roommates," an interactive web application that matches roommates based on compatibility
- Used Angular for the frontend, Flask for the backend, and Firebase for the real-time database
- Managed code with Git/GitHub in a 48-hour hackathon

### Nortech

Assembler (Manufacturing)

June 2021 – August 2023

Philadelphia, PA

- Collaborated in a fast-paced production environment to ensure product quality and consistency
- Identified and reported packaging defects, leading to a 4.15% reduction in operating expenses
- Managed inventory updates and supported logistics to ensure seamless operations

## PROJECTS

### Kitchen Canvas | React, PostgreSQL, Node, Express, Spoonacular API

January 2025

- Built a full-stack web application for recipe sharing, with React as the frontend and Node.js with Express.js serving RESTful APIs
- Integrated the Spoonacular API for fetching and searching recipes by ingredients
- Designed and hosted a PostgreSQL database on Render to store user profiles, recipes, and likes, with support for user authentication and recipe uploads
- Deployed the frontend with Vercel and the backend with Render, ensuring seamless integration

### Cine Swipe | React, Node, Express, TMDB API

December 2024

- Developed an interactive web application for personalized movie and TV show recommendations using React for the frontend and Node for the backend
- Integrated the TMDB API to fetch movie and show details based on user preferences
- Hosted the backend on Render, ensuring smooth API handling and optimized response times for subsequent requests

## TECHNICAL SKILLS

**Programming Languages:** Python, C, SQL, JavaScript, HTML/CSS, TypeScript

**Frameworks & Libraries:** React, Angular, Node.js, Express.js, Flask, Tailwind

**Database:** PostgreSQL, MySQL

**Developer Tools:** Git, Figma, VS Code, Postman, PuTTY

**Methodologies:** Agile, Scrum

## COURSEWORK CLUBS

**Coursework:** Data Structures, Low-Level Programming, Operating Systems, Smart Sensing and Devices, Mathematical Concepts I, II, Calculus I, II, Probability, and Statistics

**Clubs:** Association for Computing Machinery, TUDev, CST-Research Scholars Program (RSP)

**Awards:** Dean's List (Fall 2023), Temple University Scholarship, Conwell Scholarship