

# Shashwat Mishra

[shashwatmishra.me](https://shashwatmishra.me) ◦ [LinkedIn](#) ◦ [GitHub](#) ◦ Cincinnati, OH

## EDUCATION

### University of Cincinnati

Bachelor of Science in Computer Science

GPA : 3.44

**Relevant Coursework:** Data Structures & Algorithms, Python OOP, Linear Algebra, Discrete Structures

**Achievements:** CEAS Outreach Scholarship, Dean's List - Spring 2023, Summer 2024

CINCINNATI, OH

Expected Grad. May 2027

## EXPERIENCE

### HONEYWELL

Software Engineer Intern

MASON, OH

August 2024 – Present

- Design and develop new features for a customer facing ticketing system using JavaScript, Express.js, and Node.js
- Implement and integrate new API endpoints for internal tools to make processes more efficient and secure
- Execute unit tests and integration tests (TDD) on the back end to ensure the reliability and performance of the application, enhancing overall system robustness

### POSSIP

Data Science Intern

REMOTE

January 2024 – April 2024

- Implemented a data processing and integration pipeline using Pandas, Seaborn, and Google Cloud Platform (GCP), enabling automated data aggregation, analysis, and visualization for streamlined reporting
- Developed deep learning models achieving 93% accuracy in text classification and sentiment analysis
- Utilized AWS tools (Sagemaker, S3, DynamoDB), resulting in a 30% reduction in data processing time

### COMPUTER SCIENCE DEPT.

Undergraduate Teaching Assistant

CINCINNATI, OH

August 2023 - December 2023

- Mentored 70+ first-year engineering students in Engineering and Design Thinking (ENED 1100) course
- Delivered instructional guidance for students in Python, MATLAB, Excel, LabVIEW, VBA

## PROJECTS & HACKATHONS

### Breadcrumbs Chat

[Live](#) | [GitHub](#)

- Developed a full-stack 'bread themed' social media platform with a MongoDB database and a Next.js frontend
- Includes advanced features such as NextAuth, real-time tweeting, replying, following users, and an activity tab
- Deployed the application on Vercel for seamless continuous integration and delivery

### SASE Hacks

[Devpost](#) | [GitHub](#)

- Created a journaling app called "Therapia" that allowed users to journal with AI generated prompts and connect with individuals and chat with them
- Implemented a RESTful Flask API with secure endpoints for user registration, login, and authentication
- Integrated WebSocket technology for instant messaging and an improved chat experience, utilizing Flask-SocketIO

## LEADERSHIP:

**Treasurer @ Society of Asian Scientists and Engineers (SASE):** Manage club budget for various events, negotiate funding

**Teaching Assistant @ Summer Bridge Program:** Mentor incoming freshmen with Engineering and Calculus classes

## SKILLS

**Languages:** Python, C/C++, JavaScript, Typescript, HTML/CSS, MATLAB, VBA, LabVIEW

**Frameworks:** Next.js, React, Express.js, Node.js, TailwindCSS

**Tools:** Git, MongoDB, Google Cloud Platform, Prisma, Jupyter Notebook, Power Apps Suite