

Roja Kafle

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EDUCATION

University of Pittsburgh, Pittsburgh, PA

Expected May 2026

Bachelor of Science, Information Science

Awards: 2025 Fall, Spring Dean's List.

Relevant Coursework: UX Engineering, Human-Centered Design, Psychology, Data Analysis, Statistics and Probability, Analysis of Information Systems

SKILLS

Technical: Python, SQL, Figma, Pandas, HTML, CSS, Kali Linux, Flutter, C#,

Jupyter Notebooks, Prototyping, Wireframing, User interviews.

Soft Skills: Strong Communication, Time Management, Adaptability, Team work, Creative, Analytical.

SELECTED PROJECTS

Transit App Redesign *Flutter*

August-December 2024

- Developed an interactive mobile app prototype using Flutter and Android Studio, incorporating insights from 10000+ sentiment analysis of Google Maps, Apple Maps, and Transit app reviews.
- Conducted 40 user interviews and surveys, and iterated on Figma wireframes based on usability testing to improve navigation and accessibility.

PillScribe: Mobile solution for Medication Safety and Error Reduction

January-April 2025

- Collaborated on designing a mobile app to reduce prescription and dispensing errors and improve patient safety by creating requirements documentation, wireframes, and concept design presentations; developed intuitive workflows for prescribing, dispensing, and administering medications.

Data-Driven Borough Safety Analysis *Python*

May-August 2023

- Processed and analyzed NYC crime datasets using Python and Pandas; created visualizations with Matplotlib and Seaborn to compare crime trends across boroughs.
- Applied statistical analysis to rank borough safety, generating actionable insights supported by data.

Python

Responsive Ice Cream Shop Website *HTML, CSS*

January-April 2025

- Built a fully responsive website using HTML, CSS, and JavaScript, including a dynamic order form and embedded Google Maps location.
- Ensured cross-device compatibility and implemented interactive UI elements for an enhanced user experience.

Zombie- 3D Unity Game *itch.io, Unity Game Engine*

January-April 2025

- Developed a 3D game in Unity using C#, implementing character movement, animations, sound effects, and interactive game mechanics to create an engaging player experience.

WORK EXPERIENCE

Ruth's Way | Developer | Pittsburgh, PA

September-Present 2025

- Leading a volunteer team to design a mobile app and database to streamline onboarding for future members.

Walmart | General Merchandise | Pittsburgh, PA

May 2023-August 2023

- Processed 20+ licensing requests weekly, mixed custom paint orders, and stocked 100+ new inventory items per shift.

Wendys | Crew Team Member | Pittsburgh, PA

June 2021-August 2021

- Managed 200+ customers per shift at the register, delivering accurate orders quickly and efficiently.

CAMPUS INVOLVEMENT

Kappa Theta Pi - Technology Fraternity

September 2023-Present

- Attend bi-weekly meetings, contribute 12 hours of community service, participate in leadership development and alumni networking.

Lothrop Residency Hall Council- Public Relation Chair:

September 2023-April 2024

- Promoted and designed events via social media and flyers, boosting community engagement by 35%

