

# AKRITI ARORA

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## EDUCATION

**University of Illinois at Urbana Champaign**

Expected Graduation : May, 2026

*B.S. in Computer Science, Minor in Statistics*

GPA: **3.8/4.0**

### Coursework:

**Dean's List, James scholar, GFX Projects Scholar**

Data Structures, Computer Architecture, Object Oriented Programming: **Java** and **C++**, Discrete Structures, Linear Algebra with Computational Applications: Python, Data Science Discovery: Python

## SKILLS

**Programming Languages:** C++, Python, Java, CSS

**Technologies and Frameworks:** React, Visual Studio Code, Github, Canva, Docker

**Other Skills and Interests:** Design Thinking, Communication, Adaptability, Digital Marketing, Creative Design

## EXPERIENCE

### PlayTogether

*Software Engineer Intern (Part-Time)*

*Aug, 2023 - Present*

- Collaborated with a team of five to create an interface for the company's web application with **React** and **CSS**
- Implemented envisioned **Figma** designs to enhance multiplayer gaming with user friendly online server setup

### CS 124 Honors Course

*Project Manager*

*Aug, 2023 - Present*

- Mentored a team of 5 CS students to create a music recommendation model in **Python** using **Jupyter notebooks**
- Collected user data through **Spotify API**, processed it with **spotipy**, **ipywidgets** and **sklearn** libraries, and compared to a dataset of **57650** songs

### Technology Services, University of Illinois

*IT Consultant*

*Feb, 2023 - May, 2023*

- Provided customer support to campus residents on call, email and in person for software used in university systems
- Performed weekly system checks of equipment in classrooms, covering an average of **20** rooms per week

## PROJECTS & CERTIFICATIONS

### ClubLens: Student Org Data Visualization

*Code Ada Hackathon project*

*Oct, 2023 - Present*

- Used **Python (matplotlib, plotly.express)** to create bubble chart visualization with sample data of more than **100** Student Orgs at UIUC for students to find the most suited one for them
- Improved visual appeal by making bubble diameter proportional to club size, and colors depicting activity level by meetings + events per month, and dynamic positions based on five preference inputs with most suitable group on top

### Resume Analyzer

*CS 222: Software Design Lab - final class project*

*Aug, 2023 - Present*

- Utilized existing **NLP** libraries like **spacy** and **PyPDF2** to parse input resumes and compare with a **dataset of 962 resumes**, equally divided into training and testing samples
- Created a **Streamlit** front-end and connected it with the back-end model

### HuggingFace Chatbot

*Technical Workshop project*

*Oct, 2023*

- Fully responsive chatbot made with **Gradle**, **Hugging Face Transformers** and **Torch** libraries on **Google Colab**

## LEADERSHIP

### Women in Computer Science at UIUC

*Design Chair*

*Apr, 2023 - Present*

- Designed branding graphics including logo and merch, retaining more than **800 active members**
- Increased Instagram followers by **18.5%** within **one month**

### Engineering Council

*EFC Publicity Chair, EC Publicity Committee member*

*Aug, 2022 - Present*

- Coordinated with upperclassmen across **14 committees** in Engineering Council to design their official website
- Led a committee of 3 members to increase outreach of Engineering Freshman Council Canva and Instagram