

# NirmalKumar Jain

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## EDUCATION

<b>Pace University, Seidenberg School of Computer Science and Information Systems</b> Masters in Information Systems (MS). GPA 3.57	New York, NY May 2024
<b>Progressive Education Society's Modern College of Engineering, Pune</b> Bachelors in Computer Engineering (BE)	Pune, India June 2021

## RELEVANT COURSEWORK

Database Management System | Programming for Data Analysis | Information System Design and Development | Object Oriented Programming | Data Structures and Algorithms | Software Development Life Cycle | Database Programming | Data Mining and visualization | User Experience Design

## TECHNICAL SKILLS

<b>Programming Languages:</b>	R, SQL, Python
<b>Tools:</b>	Tableau, R-Studio, Microsoft (Excel, Word, PowerPoint)
<b>Operating Systems:</b>	OS operating system, Windows, LINUX
<b>Certifications :</b>	Introduction to Python (Datacamp), Introduction to SQL (Datacamp), Introduction to tidyverse(Datacamp), NPTEL Certification in Soft Skills

## ACADEMIC PROJECTS

### User Experience Design For AIM Colours January- April 2022

- User research was conducted utilizing user study methodologies and built 2 personas that were used throughout the Applications development.
- Created wireframes after interviewing 6 women and surveying 25 people by using the prototyping on paper method.
- Developed clickable prototypes by utilizing Figma.
- Performed a round of usability testing before launching the Application.

### Trends in Cryptocurrency September- December 2021

- Collected and cleaned data In Microsoft Excel. Further Data Preprocessing was done using R-Studio.
- Analyzed the trends in crypto-currencies by comparing there volumes and volatility.
- Observed the effect of different events on crypto-currencies, events such as (Tweets and announcements by governments about bitcoin.
- Implemented same project using Tableau for better visualization. Cleaned Data from Microsoft Excel was used for visualization using Tableau.

### Financial Learnings App September - December 2021

- Collected the user requirements and created the User Stories from those requirements.
- Developed the Gantt chart, Data flow diagram, ER-diagram. Created the wireframes by using the prototyping on paper method.
- Developed clickable user facing prototypes describing the user flow.
- Performed the usability testing before launching the Application.

### Ayurvedic HealthCare Chatbot January – May 2020

- Developed healthcare chatbot using Java,Python and Android Studio to provide Ayurvedic home remedies to patients
- Researched, collected, and pre-processed findings to improve the application.
- Designed the front-end of the application independently with input from four students collaborators

## **ACTIVITIES / VOLUNTEER WORK**

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**Organizing Committee for Technical Event 'CODE-FIESTA',** Member

**Organizing Committee for Cultural Event 'IMPULSE',** Member

**Reader's Club,** Co-Founder

- Collected around 500 books from city and we made those books available to everyone for free of cost

**Social Work group 'NEXGEN',** Member