

Saumick Pradhan

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Sponsorship Not required

SKILLS

- Proficient in Python, Java, C++, Swift (self-taught), LC3, R, MATLAB, Lab view, Visual Basic for Applications, MS Office (Word, PPT, Excel). 5 Years of coding experience. Experience on Windows 11 and MacOS Monterey.

EDUCATION

University of Cincinnati, Cincinnati, OH

Class of 2025

Bachelor of Science – Computer Science with Honors

GPA: 3.94

Masters of Engineering – Computer Science with Artificial Intelligence

Smt Sulochanadevi Singhanian School, Mumbai, India

Class of 2020

High School – Science Elective

- Final Grade: 98/100% (Perfect 100s in Math, Computer Science, Physics) and Honors Society student with AP coursework in Computer Science, Physics, Calculus, English.

EXPERIENCE

• **Levi Strauss & Co. Big Data Department**

San Francisco, CA

Machine Learning Engineer

Jan 2022-Present

- Designed and Developed a Machine Learning Model Algorithm and Architecture to Eliminate the error in the Search Algorithm for mis-spelt words in keyword search on Levis.com. Developed a Machine Learning Model Architecture on Adjusted Demand and Sellout for individual Retailers and Wholesalers across the world. Created Oculus compatible VR shopping experience for Levi's San Francisco store and pushed to Production for further implementations in Metaverse.

• **Department of Computer Science at UC**

Cincinnati, OH

Research Assistant

Sept 2021-Present

- Published a research paper for International conference IHIET-AI on a Big Data-driven Multimodal Approach for Investigating the impact of COVID-19 on Online Learning-based Web Behavior using Pattern Recognition & Data Science. Dataset published on [IEEE](#).

• **Bearcats Bound Orientation Office at UC**

Cincinnati, OH

Student Orientation Leader

Apr 2021 - Aug 2021

- Led/ mentored discussion groups, activities, tours of over 7000 incoming students in total and assisted in event planning and coordination while serving as one of the 20 strong student staff member and ambassador of UC.

• **WACE x Practera Global Challenge Initiative (Goodwill Industries, Ontario)**

Cincinnati, OH

Student consultant intern

Jun 2021 - Aug 2021

- Seeking Global Industry experience by analyzing client's needs and undertaking research to develop sustainable solutions thereby increasing competitiveness in the fashion industry.

• **CATER (IT department), UC College of Nursing**

Cincinnati, OH

Student Worker

Feb 2021 - Apr 2021

- Tech facilitator, handled troubleshooting, reimaged operating systems, maintained high standards of customer service during fast paced operations. Maintain database of IT tickets and provide optimal solutions.

TECHNICAL PROJECTS

• **Computer Science**

Aug 2018-Present

- Building an iOS Memory & Concentration game App using Swift. Analyzed Time Complexity of various Data Structures and Algorithms. Developed intuitive games and interfaces using OOP and Functional programming (Java, C++, Python). Created Assembly level Recursive Tower of Hanoi using LC3. Developed an Interface for a Banking software.

• **Engineering Design Thinking**

Aug 2020 - Apr 2021

- Designed and programmed an EV3 Lego Robot using LabView and Brick link to navigate obstacles over a specified track. Effectively collaborated to develop drip irrigation model prototype on CAD in a team project. Scientific Testing adapted.

EXTRACURRICULAR ACTIVITIES

Tutor for Computer Science Applications – C++ coding for High school students

June 2018 - June 2020

Google Developers Student Club Partnership and Marketing chair

May 2021 - Present

Ambassador for College of Engineering and Applied Science

Apr 2021-Present

Member of IPALS, UC International

Dec 2020 – Present

Make UC and Revolution UC Hackathons

Oct 2020, Jan 2021, Jan 2022

International Student Cultural & Educational Exchange Program (Netherlands).

June 2018 - June 2020

HONORS & AWARDS

Dean's List of Recognition

2020 - 2022

CEAS International outreach scholarship and UC Global Scholarship

Aug 2020- Aug 2025

Featured by College Board in various Advertorials in India's Leading newspaper on studying abroad.

Oct 2020

AVAILABLE SUMMER 2022