Urvi Chaubal
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EDUCATION
University of Illinois at Urbana-Champaign   **(August 2022 - present)**
B.S. Information Science + Data Science - Class of Spring 2026
- *SP 23 & FA 23 Dean's List*
- **Current GPA:** 3.97
- **Relevant Coursework:** Python for Information Problems (1 & 2), Technology Entrepreneurship, Research Design, Data Science Exploration, Database Concepts and Applications
- **Current Coursework** (SP 24): Linear Algebra, Machine Learning Concepts, Into to CS (Java)
- **Clubs/Groups:**
  - Alpha Omega Epsilon–Theta Chapter: FA 24 Risk Management Officer
  - Taylor Swift Society: VP of Membership and Events

Irvington High School, Fremont, CA   *Class of 2022*   **(August 2018 - June 2022)**

SKILLS
- **Data Analysis:** Python, SQL, Excel, Introductory SPSS
- **Python Libraries:** Pandas, SciKit-Learn, NumPy, SciPy, Matplotlib
- **Coding Languages:** Python, Java, Introductory C++
- **Machine Learning Techniques:** MLR, Logistic Regression, Classification
- **Project Management:** Slack, Trello, Microsoft Teams
- **Other Apps:** Canva, Google Suite, Microsoft Suite, Adobe PremierePro
- **Soft Skills:** Leadership, Attention to Detail, Organization, Design, Analytical Skills

WORK EXPERIENCE
Course Assistant for STAT 107 (Data Science Discovery)   **(August 2023 - Present)**
- Assisted students during Office Hours and weekly labs with coursework and understanding
- Created Homework Videos through course development groups
- Collaborated with other instructors to create positive learning experiences and environment

Coach at Warm Springs Gators (EBSL), Fremont, CA   **(June - July 2023)**
- Coached team of 130 kids
- Provided instruction to participants aged 6-18 in various strokes and techniques
- Organized and helped kids at swim meets through encouragement and placing

Manager and Swim Instructor at Warm Springs Cabana Club   **(May - August 2023)**
- Organized and created instruction schedule
- Customized lesson plans based on students' abilities and needs
- Collaborated with parents and coworkers to address improvement and concerns

PROJECTS
Simulating Races with Turtles in Python Workshop
- Created a one hour demo workshop that introduced users to the Turtle Library and other python principles
- Included a guided step-by-step walkthrough to illustrate thought process and code examples

Using Heart Disease Dataset for Prediction
- Group project consisted of using various regression techniques and libraries to predict heart disease
- Utilized a logistic regression and classification model to find predictive probabilities and best results

Simulated E-Commerce Entity Relationship Diagram
- Designed a complex entity-relationship diagram with entities, attributes, and cardinality
- Translated design into useable schema to create SQL tables and queries
- Populated tables with example data to write queries and analyze purpose