Khushal Gentela

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EDUCATION

University of Illinois at Urbana-Champaign   **December 2024**
Bachelor of Science in Computer Science and Economics   *GPA: 3.92/4.00*
- Dean's List (Spring 2022, Spring 2023, Fall 2023)
- Relevant Coursework – Applied Machine Learning, Time Series Forecasting, Data Structures, Introduction to Models of Computations and Algorithms, Financial Econometrics, Database Systems, Real Estate Economics
- National Organization for Business and Engineering, Special Interest Group for Economics, Special Interest Group for Artificial Intelligence and Data and Analytics, Economics Club, Financial Planning Club

WORK EXPERIENCE

University of Illinois at Urbana-Champaign   **Jan. 2022 – Present**
Course Assistant/Associate
- Conduct office hours for over 200 students.
- Guide students on core java programming concepts – iterative programming, recursion, data structures and algorithms
- Identify and report bugs in course infrastructure which leads to improvement in overall course rating
- Mentor and guide undergraduate staff in their experience as course staff

Bread Financial   **May 2023 – Aug 2023**
Data Science and Analysis Intern
- Investigated and mitigated the effects of data migration between data sources using SQL, Python and PySpark
- Retrieved payments data from new data source using SQL, Python and PySpark
- Developed a proof of concept for a soft decision tree model
- Used Excel and PowerPoint to create insightful reports and presented results/recommendations to relevant stakeholders

University of Illinois at Urbana-Champaign - ATLAS   **Jan 2023 – Apr 2023**
Business Improvement Intern
- Created/Optimized business workflows for clients
- Streamlined University Operations by helping them transition to digital processes.
- Built, developed, and tested workflows to be used by over 1000 students

Enhanced HealthCare Partners (EHP)   **Mar 2023 – May 2023**
Private Equity Investment Research and Data Analytics Extern
- Participated in EHP's deal sourcing process by identifying and evaluating potential investment leads
- In the process, learned about US HealthCare Market and how the finance world intersects with it
- Used Canva to create insightful reports and presented results/recommendations to project manager

PROJECTS

CRUD Navigation Web Application (University Project)   **Oct 2023 – Dec 2023**
- Built a navigation web application using Flask, React and SQL
- Wrote and optimized queries for displaying and analyzing public transit data
- Implemented a map functionality using React Leaflet for visual representation of routes

Image Recognition Application (Personal - Android Development)   **Jun 2020 - Dec 2020**
- Built a mobile application that promotes the use of camera as an educational resource for kids aged 5-8
- Used Java, Android Studio, AWS Amplify and AWS Rekognition to build application from scratch
- Provided regular updates to client regarding project progress and presented the project to client upon completion

SKILLS

Proficient Technical Skills – Java, Python, R, SQL, Microsoft Office (Excel, Word, PowerPoint), C, C++, React, HTML, Github
Languages – English (Fluent), Hindi (Fluent), Telugu (Native), Spanish (Basic)
Certifications – Bloomberg Market Concepts