

# HARSHIT BISHNOI

Urbana, Illinois · harshitbishnoi2301@gmail.com · (636) 579-7036

## EDUCATION

### University of Illinois, Urbana-Champaign

Illinois

BS Statistics and Computer Science

(Classes: Intro to Computer Science Java, Data Science Discovery with Python, Calculus 3 Honors)

Dec 2024

## ACTIVITIES & PROJECTS

### Disruption Lab - Innovation Engineer

Aug - Dec 2021

- Worked on a chatbot project for the Gies College of Business by automating a pipeline to generate a database of syllabus information from raw HTML code for over 85 business courses. Entries in the database correspond to answers returned to users based on an external chatbot client - Juji.io.
- Built a comprehensive database by establishing a data flow between HTML code, an informative HTML parser, a Natural Language Processing (NLP) script, and a database integration script to efficiently store information such as "Grading Scale", "Exam Information", "Instructor", "Assignments" as columns for every class in an un-flattened data structure.
- Saves hundreds of hours spent by instructors, TA's and CA's in clarifying information for students and enables the college homepage to become a singular point of access for querying information.

### Coding & Math Competitions

Aug 2019 - May 2021

- United States Computing Olympiad (Silver Division), Hackerrank
- Mathematics: 3rd place in St. Louis Excellence in Mathematics Regional contest, School top scorer in Atlantic Pacific League + Continental Math league

### Mathematical Modeling

Feb 2021

Analyzed using predictive Statistics, the spread of broadband and cellular data networks, particularly 5G. Predicted the cost per unit Mbps of bandwidth of Internet services in the United States using linear, logistic regressions and multivariate analysis.

### UIUC Merit-based Summer Engineering Camp (Worldwide Youth in Science & Engineering WYSE)

Jun - Jul 2020

Collaborated on Engineering Projects (Mechanical, Electrical, and Computer primarily) with tools such as Arduino, Energy3D software, Hydraulic equipment. Implemented and formulated various sorting and searching algorithms along with elementary graph algorithms.

### TED/TEDx Translation Volunteer

Subtitled and Reviewed translations for 10+ TED and TEDx talks in the Hindi Language

## WORK EXPERIENCE

### MERS Goodwill Industries

Chesterfield, Missouri

Retail Associate

Jun 2021 - Jul 2021

- Retail associate job involving responsibilities like maintaining and updating items on the sales floor, working the cash register, cleaning, pricing, and solving everyday customer problems and assisting them with heavy duty wares.
- Received, managed, and sorted through donations and organized them on the sales floor.

## SKILLS AND TECHNOLOGIES

Frameworks:	React.js, NLTK, Spacy
Programming Languages:	Java, React.js, Python
Microsoft Suite:	Excel, Word, PowerPoint
Data Analysis:	LoggerPro, MATLAB, Pandas
Languages:	Hindi (Native), English (Full Bilingual and Professional Proficiency)

## AWARDS AND HONORS

### Silver Division USACO

United States Computing Olympiad

Passed the exam for Bronze stage in competitive programming involving problem solving with Java, Basic Algorithms, and Mathematics

Jan 2021