Harshit Bishnoi

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Education

University of Illinois, Urbana-Champaign — Illinois
Bachelor of Science Statistics and Computer Science
(Current classes: Intro Java programming, Python for Data Science, Calculus 3 Honors) — Dec 2024

Parkway Central High School — Chesterfield, Missouri
May 2021

Activities & Projects

Disruption Lab - Innovation Engineer
Technology consultation lab part of UIUC's Gies College of Business where teams of project managers and innovation engineers work on 12-week client-facing projects. Involved with building a chatbot for the College of Business website with applications of NLP libraries, database management, and web-scraping using pandas library of Python. Project commenced in first week of September

Coding & Math Competitions
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
https://drive.google.com/file/d/1o39hjdezjx-6JeFO3ucPQ6B7VPE8GH7K/view?usp=sharing
Analyzed using predictive Statistics, the spread of broadband and cellular data networks, particularly 5G. Also 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)
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

Programming Languages:	Java, React.js, Python (Pandas library)
Microsoft Suite:	Excel, Word, PowerPoint
Data Analysis:	LoggerPro, MATLAB
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

Missouri State Seal of Biliteracy — Parkway Central High School
Passed a comprehensive biliteracy exam for Hindi language and completed a cultural project May 2020

AP Scholar with Distinction Award — College Board
Recognized for averaging 3.5 or above on 6+ AP exams — May 2020