Aastha Dhir

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EDUCATION

Illinois Institute of Technology   Chicago, IL
Masters, Computer Science, GPA: 3.50   *Aug. 2021 – May 2023*

Guru Nanak Dev University   India
Bachelor of Technology in Computer Science Engineering, GPA: 3.33   *Aug. 2015 – May 2019*

TECHNICAL SKILLS

Languages: Java Core, Python, C/C++, SQL, RDBMS, JavaScript, HTML/CSS, R, PHP
Developer Tools: Git, AWS(Basics), Linux, VS Code, Visual Studio, PyCharm, Eclipse
Microsoft Office Suite: Word, PowerPoint, MS Project Tool, MS Excel(Basics)

PROJECTS

YouTube Sentiment Analysis   Aug 2022 – Dec 2022
- Served as a key member of the project and used 3 different packages to calculate sentiment scores from YouTube comments.
- Reduced the workflow time by 20% by comparing and visualizing the results faster which in turn helped to increase the productivity of the application.
- Led a team of 3 members in reviewing the project and presented it in front of almost 200 students.

Bollywood Movies Analysis   Aug 2022– Dec 2022
- Led a team of a total of 4 students to develop an application using the Neo4j graph database.
- Created process improvement by using 3 different datasets containing 1600+ movies.
- Accelerated the workflow by 20% by dividing the tasks among the teammates.
- Presented the project to the professor and a class of almost 250+ students in collaboration with other team members.

Portfolio Project   Jun 2022– Jul 2022
- Researched, developed, and debugged mobile/desktop portfolio using HTML, CSS, and JavaScript with 90% accuracy per the class model; reduced process time by 15%.

EXPERIENCE

Lab Campus Life Ambassador   Sept 2022– May 2023
Illinois Institute of Technology   *Chicago, IL*
- Collaborated and supported almost 100+ student organizations in the usage and upkeep of printers and lab equipment, maintaining various mechanical tools, and simultaneously supervising the Underground Elevate Space at IIT Tower.

SOAR/GO Leader   Jun 2022 – May 2023
Illinois Institute of Technology   *Chicago, IL*
- Lead groups of 10-12 new 1st-year students/families and educate them about campus resources and student life to succeed.
- Led process improvement by creating material that cut student questions by 50 percent

Graduate Peer Mentor and Engagement Coach   May 2022 – May 2023
Illinois Institute of Technology   *Chicago, IL*
- Guide incoming students and provide support, and knowledge on university/courses.
- Mentor and empower students by sharing experiences that increased their confidence by 75 percent

CERTIFICATIONS

- Web Development using HTML and CSS, Udemy, Apr 2023– Apr 2023
- CI/CD Beginner Prerequisites and SDLC Lifecycle, Udemy, Jun 2022– Jun 2022
- DevOps Beginner Prerequisites, Udemy, Jun 2022– Jul 2022
- Web Development, India, Dec 2018– May 2019
- "Talk to your Teacher", Ministry of Human Resource Development, India, Apr 2018
- Java Coré, C, C++, India, Jun– Aug 2017 and Jun– Jul 2016