

SHREYA SHARMA

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EDUCATION

University of Illinois at Urbana-Champaign

Aug 2019 - Dec 2022

Bachelor of Science in Computer Science, James Scholar, Dean's List

GPA: 3.91/4.00

Relevant Coursework: Data Structures, Software Design Studio, Computer Architecture

WORK EXPERIENCE

Digital Forces Corporation

Plainfield, IL

Software Development Intern

May 2020 - Aug 2020

- Implemented accurate automatic license plate recognition software utilizing multilayered neural networks to automate the asphalt loading process
- Configured multivariate regressions through analysis of data to increase accuracy of classifications to 99%

LEADERSHIP

Grainger College of Engineering

Champaign, IL

CS 196 Project Manager and Course Staff

Jan 2020 - Present

- Guiding a cohort of 10+ students by developing framework, managing scope, and delegating responsibilities for a semester-long project
- Improving curriculum and creating lecture material and homework with other CS 196 course staff while holding office hours

CS 125 Course Associate

Jan 2020 - Present

- Supervising and guiding 40+ computer science students through laboratory sessions of Object Oriented Programming in Java as well as Android Studio
- Engaging directly with CS 125 course instructor and graduate teaching assistant team to manage classes while providing individual help during office hours

Engineering Council

Champaign, IL

SITE Activities and Banquet Committee Chair

Aug 2019 - Present

- Organizing curriculum and committee responsible for designing multi-day orientation schedule for 100+ prospective engineering students
- Leading multi-day programs to designed to showcase Engineering at Illinois to incoming freshmen

PROJECT HIGHLIGHTS

MyNavigate

Jan 2020 - May 2020

- Developed a web app to navigate around areas of high crime using an API and web development tools such as Bootstrap and Oracle Cloud
- Led a team of 6 as project manager by delegating responsibilities for a semester-long project

TeamUp

Aug 2019 - Dec 2019

- Developed a web app that allows students to post project ideas and connect with potential teammates based on required skill set and other criteria
- Designed front-end user interface using Bootstrap and implemented back-end with AWS and SQL with a framework in Flask

SKILLS

Languages: Java, C++, C#, Python, Rust, SQL, HTML, CSS

Technologies: .NET Core, Bootstrap, Android Studio, Flask, Numpy, Pandas, Git