DIVYA BHATI

2005 N. Stanton Ct, Arlington Heights, IL-60004
(224)-830-6498
dipsbhati6@gmail.com

divyabhati.com

EDUCATION

University of Illinois Urbana-Champaign *Expected December 2020*
B.S. in Computer Science GPA: 3.82/4.00

Relevant Coursework:
- Data Structures and Algorithms • Artificial Intelligence • Computer Architecture • Software Design Studio
- Linear Algebra • Statistics and Probability • Numerical Methods • Differential Equations

EXPERIENCE/ACTIVITIES

Research Assistant at SRTI Lab *January 2019 - Present*
University of Illinois at Urbana-Champaign, IL
- Part of the Social Media Macroscope project team which provides social media data analytics to developers.
- Performing daily duties as assigned for city public works projects.

Association of Data Science and Analytics Project Team *September 2018 - Present*
University of Illinois at Urbana-Champaign, IL
- Analyzing upsets across various national sports including college football and professional basketball by sorting datasets and scraping team info from websites.
- Building a React application to present the data with interactive graphs and charts.

Co-Founder of the Automated Trading Systems Club *November 2017 – December 2018*
University of Illinois at Urbana-Champaign, IL
- Developed a website that takes in user-inputted stock symbols and predicts future trends.
- Back-end work with web-scraping, algorithm development, and data analysis.
- Front-end designer for the club website.

CS Sail Twitter App Development Instructor *April 2018*
University of Illinois at Urbana-Champaign, IL
- Taught a course on the basics of the Tweepy Twitter API and writing algorithms for it.
- Class was comprised of high school students from Central Illinois area.

Hackathons:
- **Boilermake** - Purdue University - *2018*: developed a full-stack website that analyzes Spotify songs, playlists, and artists and returns playlist recommendations.
- **PygHack** – UIUC – *September 29, 2018*: worked with Urbana's Fleet vehicle dataset to gamify the statistics of each driver, department, and vehicle to present the data in a more interesting manner.

SKILLS
- Proficient in software development with C++ and Java and familiar with Swift.
- Experienced in data analysis and visualization using Python and JavaScript charting libraries.
- Versatile front-end developer with JavaScript, HTML, CSS, and use of React library.