

# DIVYA BHATI

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## EDUCATION

University of Illinois Urbana-Champaign  
**B.S. in Computer Science**

*Expected May 2020*  
GPA: 3.83/4.00

### Relevant Coursework:

- Data Structures and Algorithms • Software Design Studio • Discrete Structures
  - Linear Algebra • Differential Equations • Numerical Methods • Statistics and Probability
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## EXPERIENCE/ACTIVITIES

### Co-Founder of the Automated Trading Systems Club

*November 2017 - Present*

University of Illinois at Urbana-Champaign, IL

- Developing a website that takes in user-inputted stocks and predicts future trends.
- Back-end work with web-scraping, algorithm development, and data analysis.
- Front-end designer for the club website.

### 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 Javascript frontend application to present the data in interactive graphs.

### 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 10 high school students from Central Illinois area.

### Hackathons:

- **Boilermake** - Purdue University - *October 19, 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.
  - **MechMania** – UIUC – *September 21, 2018*: designed an AI for a given “Rock-Paper-Scissors” themed virtual board game compiled through NodeJS and Python.
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## SKILLS

- Proficient in C++ and Java and familiar with Swift for software development.
- Experienced with data analysis and operations using Python.
- Familiar with website construction and dynamic front-end design using HTML+CSS.