

# Vidyuth Mallappa

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## Education

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**University of Wisconsin – Madison**

*September 2020 – Present*

*B.S Computer Science*

## Projects

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### Acrobot

- Developed a Slack chat bot during a hackathon to help companies teach new employee's unfamiliar acronyms and abbreviations
- Used a non-relational database to hold acronyms and definitions. Designed CRUD operations using Botkit package and JavaScript to command the bot

### Job Search Web Crawler

- Constructed web crawler that collects list of jobs and writes data into a csv file for the user to easily check if they qualify and apply for the job.
- Used Python and BeautifulSoup and Selenium to create web crawler.

## Work Experience

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**Northwestern Mutual**

**Milwaukee, WI**

*Software Engineer Intern*

*June 2022 – Present*

- Contributed to designing a full stack React application to deliver and log email threads between 4.5 million insurance agents and customers
- Updated and created new serverless architecture to add to existing step function in AWS

**Northwestern Mutual**

**Milwaukee, WI**

*Support Engineer Intern*

*June 2021 – September 2021*

- Analyzed user data from Dynatrace and Elk to create 20 data models for 8 different apps that compared location, browser type, speed of key user actions and error counts
- Designed 2 python automation scripts to aggregate data for requests sent to team for application access verifications and to collect list of tags to organize within Dynatrace

**Aurora WDC**

**New Berlin, WI**

*Research Analyst Intern*

*October 2018 - Jan 2020*

- Read, analyzed, and cataloged articles about disruptive technology
- Prepared 10 research projects to help executives learn about emerging tech trends

**Northwestern Mutual**

**Milwaukee, WI**

*Software Developer Intern*

*May 2019 - August 2019*

- Created an AR scavenger hunt web app with A-Frame used by 1,500 attendees of a tech conference to help with networking, recruitment, and outreach
- Refactored back-end and front-end of a legacy application using Java which is used by 6,000 field agents to share and lookup other agents contact information

## Languages

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- Experienced with Python, Java, C, R, JavaScript, Angular, React, SQL, Node.js

## Technologies

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- Experienced with Git, Dynatrace, Elk Kibana, Postman; Familiar with AWS