

# KATELYN LAWTON

## INFORMATION ANALYST

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## EXPERIENCE

### University Health Services (UHS)

#### Administrative and Research Assistant

Ann Arbor, MI January 2020 - Present

- Managed five research projects including tracking Covid-19 testing on campus and the usage of medical and quick clinics which revealed students were not using virtual appointments, so the staff was shifted to offer more in person appointments
- Provided diverse administrative support to the Quality Improvement chair by tracking and modeling hand sanitation rates that improved rates to a consistent 90% for all clinical staff members everyday

### Farmers Insurance

#### Predictive Analytics Internship

Grand Rapids, MI May 2019 - August 2019

- Developed an Insurance Agent Assessment Tool as a part of the Research and Development Team that will be used by five departments, totaling to over 200 employees across the company through Farmers Insurance internal online toolbox
- Executed analysis using data from around 40,000 agents in Alteryx and worked in partnership with product managers to analyze success rates of agents and discovered that the bottom 5% of agents contributed to over 10% of losses in the company

## PROJECTS

### Softball Big Ten Dashboard

Ann Arbor, MI September 2020 - Present

- Created a Big Ten dashboard that will be used by the University of Michigan softball coaching staff including Coach Hutchinson that uses data from NCAA's play-by-play statistics for the 2019 season
- Implemented new Sabermetrics including Runs Created and created spray charts and count visualization that are able to be analyzed at a team and individual player level

## LEADERSHIP

### Kappa Theta Pi Technical Fraternity / Pledge Parent

Ann Arbor, MI August 2020 - Present

- Facilitated new pledge classes engagement with the professional fraternity by outlining tasks and connecting them with active members
- Mentored pledges through the time demanding pledge tasks and guided them through discovering committees, professional skills, and continued passion for technology

## EDUCATION

### University of Michigan

Ann Arbor, MI | May 2022

#### School of Information Bachelor of Science

Major: Information Analysis  
Cumulative GPA: 3.64/4.00

Literature, Science, and the Arts  
Minor: Mathematics

Relevant Courses: Data Oriented Programming, Web Design and Accessibility, Sports Analysis, Statistics, Probability, Linear Algebra

## EXTRACURRICULARS

Women in Science and Engineering Residence Program

Kappa Theta Pi - Professional Technology Fraternity

CHAARG

Next Generation

## SKILLS

Python  
CSS  
HTML5  
Matlab  
Alteryx  
Introductory Tableau  
Microsoft Office



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