

# Jensen Holm

[holmj@mail.gvsu.edu](mailto:holmj@mail.gvsu.edu) | 734.272.7736 | Allendale, MI | <https://jensen-holm.vercel.app/>

## Education

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### Grand Valley State University, Allendale, MI *(August 2019-present)*

Bachelor of Science in Computer Science, minor in Data Science

Skilled in Go, Python, R, React, Data Mining, & Statistical Analysis

Skilled with Git, GitHub, Vim, Slack, & Tmux tooling to maximize workflow efficiency

## Relevant Experience

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### White Pine Digital *(September 2022-May 2023)*

#### *Full Stack Software Engineer Intern*

- Analyzed marketing data related to company products
- Frequently built backend REST API's for company applications
- Independently developed comprehensive image enhancement software
- Expanded the consumer database with ethical web scraping
- Balanced 25-30 hours per week of work with full time student status
- Integrated data pipelines and services into applications

### American Statistical Association DataFest *(March 2023)*

#### *Team Leader; Sports Analytics Club*

- Cleaned over two gigabytes of data
- Designed a Natural Language Processing model to quantify sentiment
- Implemented clustering algorithms to categorize conversations based on sentiment
- Constructed a Random Forest classification model using numerous factors to predict sentiment
- Awarded best insight by a panel of professional judges

### GVSU Computer Information Systems Success Center *(August 2022-May 2023)*

#### *Student Tutor*

- Instructed students on object-oriented programming in python, incorporating skills developed independently from GVSU coursework
- Facilitated a drop-in style workspace, while handling multiple students at one time

### Kalamazoo Growlers *(May 2022-August 2022)*

#### *Baseball Data Science Intern*

- Analyzed data to find insights that improved on-field team performance
- Produced a Monte Carlo Simulation analysis system to calculate win probability and optimal lineups
- Operated the Trackman analytics system, which assesses the velocity, angle, rotational-speed, etc.
- Communicated data analysis in meaningful ways to coaches and players
- Operated Synergy cameras and sent data to all 30 Major League Baseball organizations