

# Nicholas Hubbard

📍 Metro Detroit Area, MI,  
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## Experience

### Gannon University

October 2021 - Present

#### Infrastructure Technician (Work Study)

Maintain, backup, update and set up CIS department servers, networking, and monitoring  
Deploy, update, and maintain shared department computer labs (80+ desktops)  
Completed major server room power delivery project under budget and over specification

### Rock Central (Rocket Mortgage)

May 2021 - August 2021

#### Systems Engineering Intern

Migrated 60+ wiki pages from JIRA to MkDocs and GitHub (Markdown)  
Rewrote pages to match updated and current practices  
Wrote and tested Python plugins for MkDocs to enable custom functionality lost during JIRA migration  
Redesigned MkDocs platform around the MkDocs for Material theme  
Deployed final product to internal AWS system using Terraform  
Full-time team members commended the final product

## Education

### Gannon University

2020 - Present

BS

#### Computer Science/Software Engineering (Dual Major)

🎓 GPA: 3.1

## Awards

15 March 2019

FIRST Robotics Autonomous Award

FIRST In Michigan Alpina 2 Event

Recognized for creating the first machine learning-based vision system in FIRST Robotics, used to detect and track objects on the game field. The code for the project was later released under the name VTK.

## Skills

### Programming Languages

Java 11+

Kotlin

Gradle

Python 3

Modern Android Development (MAD)

HTML and CSS

JavaScript and TypeScript

MySQL and PostgreSQL

Tailwind CSS

### Markup and Typesetting

Markdown

reStructuredText

LaTeX