

# Nolan P. Langer

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## **Objective:**

To obtain experience and develop skills that will pair well with my current skill set and experience as well as assist me in pursuing my long term goals in the software industry and become a more intelligent and helpful person.

## **Education:**

### **Michigan State University, East Lansing, MI**

*Bachelors of Computer Science, GPA: 3.9, Expected Graduation Date: December 2023*

### **Whitmore Lake High School, Whitmore Lake, MI**

*High School Diploma, Cumulative GPA: 3.7*

## **Experience:**

### **Jackson Enterprise Technology Career Development Program, East Lansing, MI September 2022 - Present**

*Strategic Support Associate*

- Collaborate with and assisted three different technology teams: Information Security, Cloud Engineering, and Software Delivery.
- Exposed to AGILE methodologies and applied them to projects
- Improved technical skills in software design, scripting, security, and Infrastructure as Code (IaC).
- Learned to develop and developed software at an enterprise level
- Develop professional soft-skills through hands-on workshops.

### **Infrastructure & Planning Facilities: Central Control, East Lansing, MI January 2022 - October 2022**

*Student Technical Assistant I*

- Monitored and maintained Siemen's and Delta building automation systems through Insight and enteliWEB software.
- Communicated with workers in the field to fix issues regarding buildings across MSU's campus
- Learned to understand and use the PPCL and GCL+ coding languages
- Developed knowledge of HVAC systems, controls and the interaction between the digital and physical sides.

## **Skills:**

- Advanced knowledge of Microsoft Office Suite
- Basic knowledge of MATLABS and Simulink
- Proficiency in Discrete Mathematics, Calculus 1-4, and Linear Algebra.
- Object Oriented Languages: Python, C++, and Java.

- Procedural Languages: C
- Database Languages: SQL
- Assembly languages: ARM Assembler
- Controls Languages: PPCL and GCL+.
- Markup Languages: HTML5 and CSS
- Infrastructure Languages: Terraform
- Infrastructure as Code (IaC), Microsoft Azure
- High level knowledge of code editing and debugging in PyCharm, CLion, Microsoft Visual Studio Code, and Vim.
- Database architecture and management
- Collaborative Design techniques, User Research, and Software Design Principles
- Function well in fast-paced workplaces.
- Teamwork, always worked in team environments and learned to cooperate well.
- Analytical Thinker, make sure things are done efficiently and with all possibilities considered.

#### **Activities/Leadership:**

- National Honor Society (2017-2019)
- Key Club (2018-2019)
- MSU Solar Racing Team (2019-2020)
- MSU AI Club (2022-Present)

#### **Honors/Awards:**

- High School GPA Awards 4.0+ (2018 & 2019)
- Michigan Competitive Scholarship
- MSU Dean's List Fall 2019, Spring 2020, Fall 2021, and Spring 2022.