

# Nicholas Lang

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## EDUCATION

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### University of Michigan, Ann Arbor, MI

*Bachelor of Science in Engineering in Computer Engineering*

April 2022

*Minor in Entrepreneurship*

GPA: 3.323

Coursework: Data Structures and Algorithms, Logic Design, Circuits, Computer Organization, Signals and Systems,  
Intro to Probability and Statistics, Entrepreneurial Creativity, Entrepreneurial Business Basics

## EXPERIENCE

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### Coquille Valley Hospital, Coquille, OR

*IT Intern*

May 2020 – July 2020

- Involved in all aspects of computer installation in new clinic rooms: terminated network cables, set up necessary software, and installed computers in all rooms for easy use by doctors and nurses.
- Rolled out Single Sign On system on all ER and nurse station computers to ensure staff can treat patients and access medical charting software quicker and easier.
- Researched and determined medication scanner bar code errors and updated scanners so that they could correctly scan and register meds in the system.

### UM College of Engineering, Ann Arbor, MI

*Instructional Aide*

Sept 2019 – Present

ENTR 550: Interpersonal Skills

ENTR 560: Project Management and Consulting

- Assisted professors with grading assignments, taking attendance, and in class events to ensure excellent learning experience for students.
- Maintained contact with students and acted as first line of contact for questions and concerns about assignments, grades, and attendance.

### Engineering Advising Center & Career Resource Center, Ann Arbor, MI

*Orientation Peer Advisor*

May 2019 – Aug 2019

- Led 1,400+ incoming engineering freshmen through summer orientation in order to prepare them for a successful transition to college life.
- Facilitated small group discussions and answered questions on a variety of topics so that students may understand the opportunities and resources available to them.
- Analyzed student survey data to discover trends in the orientation experience throughout recent years.

## PROJECT EXPERIENCE

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### NickLang.dev

*Personal website and web server*

Aug 2020

- Created a website in HTML and CSS to showcase more details into experience and projects done. Hosted as a LAMP web server on a raspberry pi.

## SKILLS

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**Computer Languages and Tools:** C++, MATLAB, HTML, CSS, Python, Docker, Windows, Mac OS, Linux, Office  
**Hardware:** Surface and Through hole Soldering, Digital Circuit Design, IT Network Patching and Cable Termination

## ACTIVITIES

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*IEEE*

Sept 2019 - Present

*Michigan Aeronautical Science Association*

Sept 2019 – April 2019

*Michigan Hyperloop Build Team*

Sept 2018 – Dec 2018