

# HOAN LAM

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## Experience

**Controls Engineer II** | viastore, a TOYOTA Automated Logistics Company 2022 – 2024

- Designed and implemented Human-Machine Interfaces (HMI), ensuring optimal user experience and functionality.
- Collaborated with multidisciplinary teams, including electricians, mechanics, controls/software engineers, and managers, to deliver seamless project execution.
- Led all electrical and programming site activities, including installation, commissioning, testing, and providing stand-by support.

**Controls Engineer I** | viastore SYSTEMS Inc. Fall 2021 – 2022

**Co-op Controls Engineer** | viastore SYSTEMS Inc. Summer 2019, Winter, & Fall 2020

## Education

**Grand Valley State University** 2018 - 2021

- Bachelor of Science in Engineering, Electrical Engineering
- GPA 3.492

## Skills

- |                            |              |
|----------------------------|--------------|
| • Ignition                 | • C          |
| • Programming Ladder Logic | • MATLAB     |
| • Python                   | • Altium     |
| • Troubleshooting          | • Solidworks |

## Projects

- | Work (project/customer) | School                                   |
|-------------------------|--|
| • Unique Dollar General | • Fluorescent Decay Measuring System     |
| • Thyssen Krupp US      | • RoboSockey – a robot that plays soccer |
| • Unique Industries     | • Slot Machine - microcontroller         |
| • Menards               | • Car Dashboard - microcontroller        |
| • Phoenix Contact       | • Speaker – PCB design                   |
| • Gordon Food Service   | • Digital Multimeter – PCB design        |
| • General Motor         |  |

- Tyson Food
- McMaster-Carr