

# Michael B. Hallabrin

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## EDUCATION

**University of Cincinnati, Cincinnati, Ohio**  
*Bachelor of Science, Computer Engineering*

**Expected: May 2021**  
GPA 3.70  
Dean's List

**Lexington High School, Lexington, Ohio**  
College Preparatory Courses

**June 2016**  
GPA 4.20

## SKILLS

### Training in the following applications

C#	Visual Basic	Arduino	GitHub	Windows Form Applications	Network Infrastructure
SQL	HMI Design	MATLAB	Soldering	High Definition Video Cameras	Servers/Thin clients

## WORK EXPERIENCE

### AK Steel

*Computer Engineering Process Control CO-OP*

Middletown, Ohio  
**January – May 2019**

- Everyday onsite experience in troubleshooting problems with the production process
- Lead programmer in developing Windows Form Applications to mimic our HMI screens in order to run these programs on remote thin clients more efficiently
- Lead several projects on replacing and installing new network based cameras in critical production areas
- Currently leading a project to upgrade the network infrastructure in one part of the building

*Computer Engineering Process Control CO-OP*

**May – August 2018**

- Everyday onsite experience in troubleshooting problems with the production process
- Developed HMI Screens to monitor numerous computer's health status
- Developed Windows Form Application to display information from APC NetBotz devices

*Computer Engineering Process Control CO-OP*

**August – December 2017**

- Everyday onsite experience in troubleshooting problems with the production process
- Lead programmer in new environmental monitoring system using APC NetBotz devices
- Updated Excel spreadsheets to query data correctly and to improve the user's overall experience when formatting reports

### Stoneridge Inc.

*Machine Operator*

Lexington, Ohio  
**May – August 2017**

- Assembled components with speed and accuracy
- Received specialized training on how to run and troubleshoot problems on numerous complex machines

### Eagle Scout Project

*Leader and Organizer*

Ashland, Ohio  
**October 2014 – June 2015**

- Planned and organized the construction of a 10'x16' pavilion to provide shade for the handicap students of Dale Roy Schools in Ashland, Ohio

## LEADERSHIP EXPERIENCE, AFFILIATIONS AND ACTIVITIES

### UC Team Handball Club

*Active Team Member*

**August 2017 – Present**

- Worked on and helped to facilitate fundraising activities for our club
- Currently working on a committee to plan a tournament hosted here in Cincinnati

### RevolutionUC

*Participant of RevolutionUC 2019*

**March 2019**

- I entered the 2019 competition with my roommates in hopes of winning best hardware hack
- We built a model remote controlled mobile forklift out of Lego and Arduino with a focus on improving the safety aspects of operating said machinery

### Boy Scouts of America

*Eagle Scout*

**April 2009 – Present**

- Earned the rank of Eagle Scout in August of 2015
- Last Position held was Jr. Assistant Scoutmaster
- Backpacked 85 miles in the summer of 2012 at Philmont Scout Ranch

*Not actively searching for a co-op position*