

# Adam Young

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## Education

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**University of Cincinnati, OH**  
College of Engineering and Applied Science  
Bachelor of Science in Mechanical Engineering  
Dean's List Fall 2014 and Summer 2016

Class of 2019  
GPA: 3.3/4.0

## Work Experience

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Product Validation Engineer, Milacron, Batavia, OH July 2019-Present

- Wrote testing documentation and reports for various machine lines
- Performed hydraulic, electrical, and mechanical validation of the machine
- Developed programs to calculate machine performance
- Developed program for configuring machine option content
- Tuned machine to meet engineering specifications
- Verified and wrote documentation to ensure machines were following ANSI Standard B151
- Traveled to customer locations to perform analysis on machine issues

Continuous Improvement Co-Op, PCC Aerostructures, Bothell, WA January 2018-August 2018

- Analyzed CNC programs to ensure consistent structuring
- Designed holding structure for heavy parts
- Developed tool inventory system using Microsoft Access
- Worked with suppliers on better organization of orders/deliveries
- Assisted with manufacturing planning

Engineering Co-Op, TECT Power, Utica, NY May 2017-August 2017

- Analyzed measurement data for quality purposes using VBA
- Created drawings for various cutting tools using NX
- Wrote a training document for CNC operators
- Compiled CNC data for the development of programs
- Analyzed machine downtime for process improvement

Product Validation Co-Op, Siemens PLM Software, Milford, OH January 2016-December 2016

- Created and executed for new functionality implemented into Active Workspace
- Executed test cases for current functionality in NX, TeamCenter, and Active Workspace
- Created automated test scripts using the Cucumber/Selenium framework
- Executed server-side calls to index structures using Apache Solr

## Technical Skills

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**Software:** Automation Studio, Visual Studio, TeamCenter, NX, Active Workspace, StarCCM+, ANSYS, NASTRAN, MATLAB, SolidWorks, NetBeans IDE 8.0, and Microsoft Office 2013

**Computer Languages:** C, C++, HTML/CSS, Java, Python, VB/VBA, and MATLAB

## Activities and Involvement

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Aero Team Member, Bearcat Motorsports August 2018-Present

- Designed a diffuser for implementation in the car
- Manufactured parts using a waterjet
- Wrote VBA program for analyzing data

**Other Activities:** Alpha Lambda Delta National Honor Society (2015-Present), RevolutionUC (2016-Present), UC Triathlon Club (2014-Present; Treasurer 2016,2018; President 2017), UC Robotics Club (2014-2015)