

# James M. Harper

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## Education

**University of Cincinnati, Cincinnati, Ohio** **Current GPA 3.196/4.0**  
College of Engineering & Applied Science  
Major: BS Computer Science Class of 2020  
Coursework Language Exposure: Java, .Net, C++, Python, Prolog, JavaScript, SQL  
Coursework: Automata, Data Structures, Discrete Structures, AI Principles and Applications,  
Database Design and Development, Software Engineering, Python Programming

**Archbishop Moeller High School, Cincinnati, Ohio** **GPA 3.70/4.0**

## Employment

*Siemens Project Lifecycle Management Software, Milford, OH*

**Active Content Experience in Active Workspace Team Intern** Jan 2017-Dec 2017

- Investigate defects and provide information based on findings or resolving them
- Learn to work with and perform enhancements on a legacy system
- Automate work for setting up or tearing down work environments

**Fourth Generation Software Development Team Intern** May 2018-Dec 2018

- Investigate defects, create Enhancement Reports, learn new programming languages and programming methodologies, such as the observable pattern
- Work with product owners and other stakeholders to approve new features
- Compare different solutions for new features to determine what would be the most efficient for the task at hand
- Developed requested enhancement for Electric Boats, creating more value for the Teamcenter product

**Advanced Solutions Team Intern** Jan 2019-Present

- Develop and architect two website front-ends for potential products and services that would be responsive to the type of device used
- Perform research tasks, make suggestions to the team based on results
- Learn about and be able to work with semantic databases
- Research on how machine learning can be applied to knowledge graphs
- Gather data for and create machine learning models.

## Non-Employment Activities

**Eagle Scout** Feb 2015

Boy Scouts of America

**Summer Grade-School Activities Program** June 2010, 2012, 2013, 2015

*Group Coordinator/Leader*

Faith Community United Methodist Church