**William James Hayes II (Jay)**

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*Available to work summer semesters beginning Summer (May-August) 2020*

# Education

University of Cincinnati, Ohio Class of 2021 College of Engineering and Applied Science **GPA: 3.77/4.0** Bachelor of Science in Computer Engineering

Milford High School, Milford, Ohio Class of 2016

Honors Diploma GPA: 4.0/4.0

# Work Experience

**SRC, Digital Engineer**                                                May 2019-August 2019

* Used AJAX, HTML/CSS, and Python to improve various UI components
* Improved testing script for developer branches using Python and shell scripts
* Developed a UI feature to bypass unnecessary services for user testing

**Hartz Mountain Corporation, Industrial Engineer** September 2017-August 2018

* Created an excel-like website to store company information into a SQL database
* Drafted mechanical and electrical drawings in DraftSight of company machines
* Taught an Excel course to factory employees to increase familiarity with the software
* Revised downtime tracking sheets in Excel to oversee daily production
* Proposed solutions to larger issues on machines by communicating with vendors to create cost and performance sheets

**Technical Skills**

* **Languages:** C/C++, Python, MATLAB, JavaScript, HTML/CSS
* **IDE:** Verilog, Logisim, Multisim, DraftSight
* SVN, Windows, Linux
* Conversational Spanish

# Activities and Involvement

Association for Computing Machinery (ACM) Member September 2016-present

Institute of Electrical and Electronics Engineers (IEEE) Member August 2018-present

**Related Coursework**

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| --- | --- | --- |
| * Computer Organization and Architecture | * Signals and Systems | * Data Structures |