

Jakob Wardega

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Education

University of Cincinnati, *Computer Engineering*

Class of 2022

- Focus in Math and Computer Science
- 3.262 GPA

Work Experience

Siemens Digital Industries, *Solutionlink Developer*

May 2019 – August 2019

- Collaborated with an international team daily on the development of web application, Solutionlink.
- Pushed features to a test version of Solutionlink using Visual Studio that ran in a virtual machine.
- Utilized AngularJS and Google Chrome's debugger to find, open, and resolve bugs.

Siemens Digital Industries, *Software Consulting Intern*

January 2019 – May 2019

- Developed a software certifications web page that displays the software certifications from 20+ large excel spreadsheets into accessible, readable tables.
- Automated the data flow for updating the software certifications web page's tables with updated excel spreadsheets.
- Utilized batch scripting, Derby Database, Xampp, Tomcat 7 and 8 servers, Java EE resources, VMware, and Spring Boot to develop the software certifications web page and data flow automation.

Personal Projects

Arduino Projects

August 2019 – Present

- Created a lamp that changes colors based on external lighting utilizing 3 phototransistors, a tricolor led, and C++.
- Created a light Theremin using a phototransistor, a piezo, and C++.

Portfolio Website

February 2019 – Present

- Utilized vanilla HTML/JS/CSS and GitHub Pages to create a static portfolio website.
- Includes a home page, blog page, and projects page, all of which are mobile friendly and responsive.

Computer Assembly

Fall 2013 – Present

- Assembled first computer in 9th grade with computer coding club friends.
- Built six more machines between Fall 2013 and March 2019.
- Troubleshoot/reviewed multiple student builds.

Technical Skills

Languages: C++, JavaScript, Batch, Python, Java, and MATLAB.

Tools: Visual Studio, Eclipse, Tomcat, AutoIt3, AngularJS, Spring Boot, Arduino, Git, and MySQL

Installations: Teamcenter 2 and 4 Tier Client with various Teamcenter Integrations