Jakob Wardega

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Education

University of Cincinnati, *Computer Engineering*
Class of 2022
o Focus in Math and Computer Science
o 3.408 GPA

Work Experience

Siemens Digital Industries, *Application Developer Intern*
January 2020 – May 2020
May 2019 – August 2019
o Collaborated with an Italy-based team daily on the development of web application, Solutionlink.
o Pushed features and bug fixes to a test version of Solutionlink using Visual Studio.
o Utilized AngularJS and Google Chrome's debugger to find, open, and resolve bugs.

Siemens Digital Industries, *Software Consulting Intern*
January 2019 – May 2019
o Developed a software certifications web page that displays the software certifications from 20+ large excel spreadsheets into accessible, readable tables.
o Automated the data flow for updating the software certifications web page's tables with updated excel spreadsheets.
o Utilized batch scripting, Derby Database, Xampp, Tomcat 7 and 8 servers, Java EE resources, VMware, and Spring Boot to develop a software certifications web page with data flow automation.

Personal Projects

Arduino Projects
August 2019 – September 2019
o Created a lamp that changes colors based on external lighting utilizing 3 phototransistors, a tricolor led, and C++.
o Created a light Theremin using a phototransistor, a piezo, and C++.

Portfolio Website
February 2019 – April 2019
o Utilized vanilla HTML/JS/CSS and GitHub Pages to create a static portfolio website.
o Includes a home page, blog page, and projects page, all of which are mobile friendly and responsive.

Computer Assembly
Fall 2013 – Present
o Assembled first computer in 9th grade with computer coding club friends.
o Built six more machines between Fall 2013 and January 2020.
o Troubleshot/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

Seeking Fall 2020 Co-ops