Ryan Christopher DeYong

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I'm a student at the University of Cincinnati studying Computer Engineering. I'm capable of understanding hardware and software requirements and collaborating with a team to solve problems and achieve a viable solution. I'm very passionate about programming and hardware design and looking forward to becoming a more knowledgeable engineer by working on real-world problems.

Experience

Regal Beloit Corp.
Fall 2017 - Spring 2018
Electrical Engineering COOP

- Worked on embedded real-time operating systems
- Wrote Windows drivers and software to interface with low-level hardware devices
- SMD and through-hole soldering
- Worked on NFC circuit design and optimizations for circuitry
- Invented technologies that were patented

C C++ IAR STM32 SOLDERING RTOS PERL5

FIS
Summer 2018 - Summer 2020
Software Engineering COOP

- Worked with SQL, DB2 and C#.NET on development of financial systems
- Developed software with a team using the Agile software development model
- Created and demonstrated a prototype of a new technology to use in merchant processing
- Mentored other COOP students to help them better understand C# and JavaScript
- Worked directly with project stakeholders on deciding the direction of various projects

C#.NET ASP.NET SQL IBM DB2 Bootstrap JavaScript

Skills

RF Engineering
4+ years
Intermediate
Executive position at UC Amateur Radio Club (N8XZZ). Worked on circuit design for UC and Regal.

C
4+ years
Intermediate
Heavy C use for OS development, also used C for personal projects with EFM8 BusyBee and Arduino.

Python
2+ years
Intermediate
General scripting and with TensorFlow + OpenCV for facial recognition technology.

C#
3+ years
Intermediate
C# for prototyping financial systems, and for creating the end product.

Linux
5+ years
Intermediate
System administration, web server hosting, tool familiarity (gparted, cat, ls, rm ...), direct frame-buffer writing.

JavaScript
5+ years
Advanced
Developed class libraries and code structure used by other developers, also personal prototyping work.

Education

University of Cincinnati
Expected April 2021
Bachelors in Computer Engineering
3.4 GPA

Westshore Career Technical District
2014 - 2016
Networking/Cisco Training Program
4.0 GPA

Bay High School
2012 - 2016
High School Diploma
3.6 GPA

Location: Avon, OH, USA
Relocation preferred