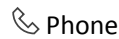


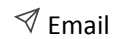
Ryan Christopher DeYong



<http://www.ryanccdeyong.us> <https://bitbucket.org/TwixKitty/>



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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 working with a team to achieve a viable solution. I'm very passionate about programming and hardware design and looking forward to becoming a more knowledgeable Computer 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

Worldpay

Summer 2018 - Summer 2019 (ongoing)

Software Engineering COOP

- Worked with SQL 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 teach them how to develop software for the prototype

C C++ IAR STM32 SOLDERING RTOS PERLS

C#.NET MVC ASP.NET SQL ORACLE SQL

Skills

Python

2+ years

Beginner

Used to make software prototypes on COOP and crunch numbers with NumPy.

C#

3+ years

Intermediate

C# on second COOP for more permanent prototyping of software systems for handling merchants.

C

2+ years

Intermediate

Heavy C use at first COOP, also used C for personal projects with EFM8 Busybee and Arduino.

Unix

3+ years

Intermediate

Unix for personal projects and for testing of work related projects using packages such as Valgrind.

4+ years

PERL 5

Intermediate

I used PERL 5 in a lot of reverse engineering work, and on my first COOP for build automation.

4+ years

VBA

Beginner

VBA for interfacing with certain hardware devices that had a limited or non-existent UI.

2+ years

2+ years

Education

University of Cincinnati

April 2021

Bachelors in Computer Engineering

3.2 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: Cincinnati, OH, USA
Willing to relocate for COOP terms
Next COOP term: Fall Semester 2019