

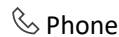
Ryan Christopher DeYong



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<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 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

FIS

Summer 2018 - Fall 2019 (ongoing)

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

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 C++ IAR STM32 SOLDERING RTOS PERLS

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

Skills

HAM Radio

3+ years

Intermediate

FCC HAM General Radio License (Call N8XZZ), built antennas, designed radio electrical circuits.

C#

3+ years

Intermediate

C# for prototyping financial systems, and for creating the end product.

Education

University of Cincinnati

Expected April 2021

Bachelors in Computer Engineering

3.2 GPA

Bay High School

2012 - 2016

High School Diploma

3.6 GPA

4+ years

Python

2+ years

Intermediate

General scripting and with TensorFlow + OpenCV for facial recognition technology.

JavaScript

5+ years

Advanced

Developed class libraries and code structure used by other developers, also personal prototyping work.

Westshore Career Technical District

2014 - 2016

Networking/Cisco Training Program

4.0 GPA

Location: Cincinnati, OH, USA
Willing to relocate for COOP terms
Next COOP term: Summer 2020 (May - August)