Ryan Christopher DeYong

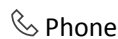| ⊕ Website	⊟ Bitbucket	✆ Phone	✈ Email
http://www.ryancdeyong.us	https://bitbucket.org/TwixKitty/	+14403816820	deyongrn@mail.uc.edu

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
Electical 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

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#.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 — 4+ years
Intermediate
Heavy C use at first COOP, also used C for personal projects with EFM8 Busybee and Arduino.

PERL 5 — 2+ years
Intermediate
I used PERL 5 in a lot of reverse engineering work, and on my first COOP for build automation.

C# — 3+ years
Intermediate
C# on second COOP for more permanent prototyping of software systems for handling merchants.

Linux/Unix — 4+ years
Intermediate
Linux for personal projects and for testing of work related projects using packages such as Valgrind.

VBA — 2+ years
Beginner
VBA for interfacing with certain hardware devices that had a limited or non-existant UI.

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