Ryan Christopher DeYong - BS Computer Engineering
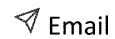
Website
https://www.ryancdeyong.us

Github
https://github.com/PerthGoat

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I studied Computer Engineering at the University of Cincinnati. Throughout my work experience so far, I've been able to understand hardware and software requirements, and in addition collaborate with a team to achieve a viable end product. I'm passionate about lower level development and looking for mentally stimulating work.

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

Skills

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

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

C/C++
4+ years
Some use
Used for microcontroller OS development at Regal, also used for personal projects appropriately

Python
2+ years
Frequent use
Small projects, hacking (w/ Ruby), neural nets w/ Pytorch

C#
3+ years
Some use
C# financial software for FIS with IBM DB2; MVC GUI

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

JavaScript
5+ years
Frequent use
Developed libraries and LL(1) parser for FIS; various projects for my website + Typescript w/ recent ECMAScript standards

Education

University of Cincinnati
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