

A large red circle containing the white letters "CN".**CORY NESS****CS MAJOR, CE MINOR, CYBERSECURITY CONCENTRATION
WEBSITE AT WWW.TYTAN.ROCKS**

PROJECTS

Home Server

- Running Ubuntu 18.04
- Used as Network Drive for automatic Backups & Important File Storage
- Running Jenkins for Continuous Integration of Github Repos and Docker for containerized building of projects

Building Arcade Cabinets using RetroPie and Custom PCB's

SKILLS

Computer Programming

- Experienced in embedded firmware, WinForms, API development
- Proficient in C, C++, C#, Java, LabVIEW
- Familiar with Python, HTML, CSS

Computer Engineering

- Solid understanding of electronics
- Familiar with designing PCBs (Autodesk Eagle)

Cybersecurity

- Concentration in College
- Familiar with Cryptography, wireless communication

EXPERIENCE

SOFTWARE ENGINEER INTERN • CROSS THE ROAD ELECTRONICS • JUNE 2017 – PRESENT

One of 3 software engineers at any given time. Worked on API, firmware, debugging, customer support for their products.

Biggest contributions would be development of firmware flasher for dsPIC devices using STM controller and software for a self-balancing "Segway" robot.

EDUCATION

CS MAJOR, CE MINOR, CYBERSECURITY CONCENTRATION • SPRING 2021 • KETTERING UNIVERSITY

Currently a 3.7 GPA.

Relevant Courses: Operating Systems (CS 451), Cloud Computing (CS 351), Cryptography (CS 415), Wireless and Mobile Security (CS 457), Computer and Network Security (CS 455), Microcomputers (CE 320), Circuits (EE 210), Differential Equations (MATH 204).

VOLUNTEER EXPERIENCE OR LEADERSHIP

Mentor for FRC High School Robotics

- Alumni of 33 Killer Bees from High School (2013-2017)
- Mentor of 33 Killer Bees (2018) & 7762 Autopilots (2019-Present)
- Helped bring FRC to De-La-Salle by implementing a program that teaches High-School students Mechanical and Software Engineering, getting them ready to build a robot in 6 weeks.

Control Systems Advisor (CSA) for FRC Competitions

Member of Phi Delta Theta Fraternity

- Held Awards Chairman, Technology Secretary, Warden



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