



Connor Egbert

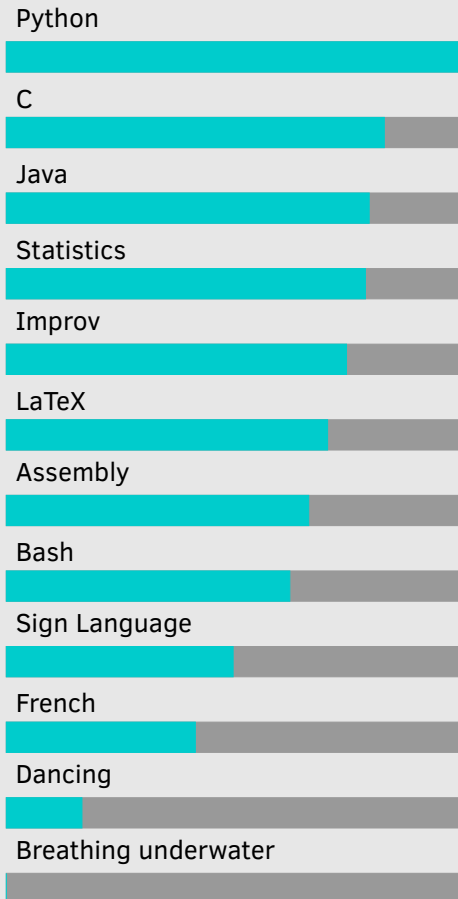
Security engineer

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Objectives

I am looking for a summer co-op. My goal is to automate everything.

Skills



Projects

- 2018 **PiPhone** Work in progress
Building a mobile cell phone with GPS, 3G, and a touchscreen capable of sending and receiving text messages and cellular data.
- 2018 **Web Server** <https://github.com/ConnorEgbert/webserver>
Programmed and black box penetration tested a web server supporting PHP server side scripts.
- 2018 **Indry** <https://devpost.com/software/Indry>
Designed a wireless washing machine status detection system with an app interface using two Raspberry PIs and an accelerometer
- 2017 **Sharper** Personal
Using a Raspberry Pi and accelerometer, built a device to read angles sharpen tools in order to maximize sharpness vs durability.
- 2016 **Automated VPN install** Proprietary
Wrote a script to install OpenVPN on a fresh CentOS 7 server when purchased through a web interface.
- 2016 **Active Directory to Google Drive synchronization tool** Proprietary
Archived users that were disabled in active directory, compressing and storing their files in Google Drive.

Awards

- 2018 **BrickHack 4 IoT Champion**
- 2017 **MITRE Cyber CTF competitor**
- 2017 **Toured Australia integrating cyber security into public school STEM**
- 2014 **Eagle Scout**
- 2014 **VEX Maryland state champion**
- 2014 **CyberPatriot eastern regional champion**
- 2013 **MATE international collegiate champion**

Work Experience

- 2017 - Now **Freelance developer** Independent
Design and development of back end services, server automation, and robotics.
- 2016 - 2017 **Infrastructure testing intern** Northrop Grumman
Wrote generators for fabricated network traffic with varied metrics, with the ability to embed malware for testing.
- 2016 - 2017 **Founder and Administrator of anonymous VPN service** Anonymous
Established automated back end servers behind an anonymous VPN service.
- 2015 - 2017 **Network administrator** Jaguar Technology
Performed as on-site, and remote, network administrator for small businesses throughout Maryland state.

Education

- 2019 **Bachelor's degree in computer science** RIT
Computer security major with a psychology minor. GPA 2.7
Focuses: Computer architecture, application auditing, and algorithm derivation. <https://connor.rocks/courselist.html>
- 2013 **Auxiliary coursework** Sacramento State University
Computer aided design, modeling, and drafting