

Jakob Coughlan

jakob.s.coughlan@gmail.com
<https://github.com/lightwingfire>

Education

Rutgers, The State University of New Jersey

New Brunswick, NJ

Bachelor of Science in Information Technology and Informatics

2020-2022

Minor in Philosophy

GPA:3.811

Skills

Programming

Python, Arduino, C++, Git, Willing to learn more

IT Skills

Troubleshooting, 0365, Networking, Windows Server, Ticketing

Soft Skills

Interpersonal Communication, Project and Time Management

Additional Skills

3D Printing, CAD, Laser Cutting, Basic Woodworking

Experience

Create IT Labs

August 2021 - Present

Lead Project Manager

Washington, NJ

- Creating project plans for critical systems of the business
- Planning and executing critical operations for the business
- Coordinating group members to complete projects

Team Logic IT

June 2019 – March 2022

Junior Systems Engineer

Flemington, NJ

- Aided problem resolution measures and suggested patches and hardware, software, and network troubleshooting alternatives.
- Contributed to team-based IT projects by lending assessment and management services.
- Built and provided basic end-user troubleshooting and desktop support on Windows, Linux, and Mac systems.

Activities

Phi Theta Kappa (International Honor Society)

September 2019 – September 2020

Vice President of Alpha Upsilon Rho

- Produced and held a seminar on opioid crisis with guest speakers
- Helped achieve Five Star Chapter, REACH Chapter, and MSRGold Chapter

Projects

Electric Guitar that Shocks for Missing a Note

- Created a program that reads the memory of the game *Rocksmith*, which triggers a custom guitar to shock when the user misses a note while playing
- [Featured on Hackaday](#)

Anti-Anime Discord Bot

- Using machine learning, created a discord bot that can detect whether a user has an anime profile picture and respond based on a set vigilance level
- [Youtube Link](#)