

# Jakob Coughlan

jakob.s.coughlan@gmail.com  
jakobcoughlan.com

## Education

### Rutgers, The State University of New Jersey

Bachelor of Science in Information Technology and Informatics  
Minor in Philosophy

New Brunswick, NJ  
2022  
GPA: 3.8

## Skills

Programming	Python, React, Java, Arduino C, TensorFlow, PHP, SQL, CSS, Git, Pandas
IT Skills	VMWare, Active Directory, SharePoint, Switching and Networking, Linux, SOP, Office 365
Additional Skills	3D Printing, Laser Cutting, Fusion 360, Woodworking

## Experience

### Phillipsburg School District

April 2023 – Present

#### Technology Specialist

Phillipsburg, NJ

- Provide extensive technical support and troubleshooting for 5 school buildings, catering to the unique technology needs of over 2000 students
- Expertly configure audio/video systems for weekly activities at each school, ensuring seamless presentation and engaging experiences

### Create It Labs

August 2021 – Present

#### Head of 3D Printing and Laser Cutting

Washington, NJ

- Developed and implemented comprehensive curriculums for teaching 3D printing and laser cutting principles and techniques to students of varying ages and skill levels
- Supplied hands-on instruction and support during the printing process, assisting students in troubleshooting and resolving issues related to print quality
- Guided students through the process of selecting appropriate materials for laser cutting, including wood, acrylic, and fabric, and gave instruction on material handling and preparation.

### Team Logic IT

June 2019 – March 2022

#### Systems Engineer

Flemington, NJ

- Managed IT systems for over 30 companies and provided efficient end-user support to drive operational excellence
- Led successful data migration initiatives for multiple businesses, seamlessly transitioning their critical information from local network shares to SharePoint
- Leveraged advanced scripting capabilities in Kaseya to develop and implement automated routines for performing regular maintenance tasks, resulting in significant time and resource savings.

## Projects

### TikTok Reddit Content Bot

- Using Python, this program retrieves content from several subreddits then automatically converts that content into a watchable video and uploads it to Tik Tok. This bot account has achieved 1000 followers and 10k Likes in one month

### Social Media Moderation Bot

- Using machine learning, this bot filters users based on their profile pictures, username, and content output to prevent spamming. This bot has filtered 100 bad actors from interacting with honest users

## Activities

### Tech Serv

November 2021- Present

#### Volunteer

- Delivered quality tech support to attendees at 4 public community events
- Refurbished 30 Computers and conduct thorough data wiping on donated systems

### Phi Theta Kappa (International Honor Society)

September 2019 – September 2020

#### Vice President of Alpha Upsilon Rho

- Won several international awards including Five Star Chapter, REACH Chapter, and MSRGold Chapter
- Held 3 community events including opioid crisis seminar and community cookouts