

## EMMANUEL ONI

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## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, MATLAB, JavaScript, HTML, CSS

**Cloud Platforms:** AWS

**Software Tools:** Sublime Text, GitHub, Git, Bash, Powershell, MS Office and cross platform proficiency in Windows and Linux (Ubuntu)

**DevOps Tools:** Docker, Ansible, Kubernetes, VirtualBox

**Security Tools:** Wireshark, Tcpdump, Metasploit, Nessus, Burp Suite, Ghidra, OWASP-ZAP, Nikto

**Web Tools:** Flask, WordPress, SQL, SQLAlchemy, Bootstrap, Flask-Bootstrap, FaunaDB

## EDUCATION

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**York University**

**January 2020 – Present**

**Bachelors in Information Technology**

## CERTIFICATIONS

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**Comptia Security+ -> May 2021**

**CEH (Certified Ethical Hacker) -> expected December 2021**

**ElearnSecurity Junior Penetration Tester (eJPT) -> August 2020**

## RELEVANT PROJECTS

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- **ComicsUpdater:** A python program that uses web scraping with BeautifulSoup to automate checking my favourite comic book website for updated book issues.
- **Morse:** A simple terminal based Morse code encoder/decoder that can receive input from arguments and can also translate entire files.
- **Statistricks:** a JAVAFX application written with Java that I collaborated in making for my classmates to help with doing homework for an introductory Statistics course. It has the capability of handling statistics calculations such as: Chebyshev's rule, Empirical rule, Z-scores, Quartiles, Variance, trimmed mean, percentiles.
- **Cloud Resume Project:** using AWS cloud services to create an automated resume pipeline by using Route53, S3 website, CloudFront, Lambda, Github Actions and DocumentDB. (work in progress)

- Currently run a **vpn server** for my friends in Nigeria due to the government banning twitter usage. I used an AWS EC2 server with OpenVPN service to achieve this and reduced latency by using targeted configuration to pass only Twitter traffic through the VPN

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## AWARDS AND ACHIEVEMENTS

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- **Dean's List** for the 2020/2021 academic year, Liberal Arts and Professional Studies, York University.
  - York University Entrance **Scholarship**.
  - **First place** , Nigeria National CTF 2020 (Cybersecurity hackathon)
- **Third place** (individual) **ISSESSIONS** CTF 2021 (Ontario based Cybersecurity hackathon for post-secondary institutions)
  - First Place, **ABC** (American Business Council Nigeria) CTF qualifier round, 2021 (Cybersecurity hackathon)
    - Second place, **ABCCCTF** finals 2021 (Cybersecurity hackathon)

## WORK EXPERIENCE

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**Technology Associate : B.I.T @ YorkU -> January 2021 – Present**

- Responsible for purchasing domain names, renting servers, configuring WordPress for the organization site and setting up mail functionality for the domain.
  - Responsible for web design of the organization's site.
- Also responsible for setting up, maintaining and moderating a Discord server for the organization's members.