

# Christabel Ewoenam Tay

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## ABOUT ME

Security Software Engineer and hands-on Project Manager with 3+ years of experience in secure software development, cloud infrastructure, and cybersecurity. Skilled in developing automated security tooling for threat detection and response using SOAR/SIEM platforms. Proficient in Python, JavaScript and C#, with practical experience in malware analysis using VirusTotal, forensic tools, and GCP-based security projects. Holds a master's degree in Cybersecurity and is currently completing a Google Cloud Cybersecurity certification, applying a security-first approach to development and incident response.

## WORK EXPERIENCE

### Office of the New Brunswick Advocate – Fredericton, Canada

City: Fredericton | Country: Canada

#### IT Project manager

[ 05/2025 – Current ]

- Monitor the development and operations (**DevOps**) lifecycle of the Case Management System within **Microsoft Azure** with a focus on **availability** and **performance**.
- Actively write and refactor code in C# **ASP.NET Core**, integrating **Docker** and **CI/CD** tools for automated secure deployment.
- Preparing detailed documentation of the system architecture, components and processes using **docfx** static html generator to support threat modelling and incident response readiness.
- Ensure secure integration of new features into the Case Management System, adhering to application security best practices.

### McCain Foods Limited – Florenceville-Bristol, New Brunswick, Canada

City: Florenceville-Bristol, New Brunswick | Country: Canada

#### Cybersecurity Intern

[ 09/2024 – 04/2025 ]

- Helped with onboarding and offboarding different types of accounts using PSM scripts (**Privileged accounts**), reinforcing **identity and access management** controls within CyberArk.
- Generated weekly and monthly **CyberArk** activity reports for internal **audit** and **compliance** purposes.
- Monitored privileged user behavior and access compliance, contributing to **threat detection** and enforcement of **least-privilege policies**.

### TekSol Limited – Accra, Ghana

City: Accra | Country: Ghana

#### Software Engineer

[ 02/2021 – 08/2023 ]

- Developing dashboard (frontend) for a new project in **Vue.js** of the company called Eganow.
- Ensuring that frontend of Eganow project communicates with backend using GRPC.
- Developed employee management system in **C# Blazor** for keeping employee records.

## **University of Ghana – Accra, Ghana**

City: Accra | Country: Ghana

### **University Teaching Assistant**

[ 08/2019 – 08/2020 ]

- Helped students understand database, data structures and networking courses by providing practical labs on concepts on the courses.
- Supported over 40 students in earning Huawei Routing and Switching certification through the coordination and oversight of practical lab exercises.

## **West African Examinations Council – Accra, Ghana**

City: Accra | Country: Ghana

### **Intern**

[ 06/2018 – 08/2018 ]

- Reduced technical issues for members of staff by working on network related issues
- Enhanced the activities of clerks and exam officers by installing needed software for capturing examination results.

## **EDUCATION AND TRAINING**

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### **Google Cloud Launchpad Scholarship Program - Cloud Cybersecurity Certificate**

*Mentor Me Collective in Collaboration with Google Cloud Security* [ 06/2025 – Current ]

Country: Canada

### **Research Intensive Cyber Knowledge Studies (RICKS) program**

*Canadian Institute for Cybersecurity in partnership with McCain Foods Limited* [ 09/2024 – 10/2024 ]

City: Fredericton, New Brunswick | Country: Canada

### **Master of Applied Cybersecurity (MACSec)**

*University of New Brunswick* [ 09/2023 – 08/2024 ]

City: Fredericton, New Brunswick | Country: Canada

### **Bachelor of Science in Computer Science**

*University of Ghana* [ 08/2015 – 07/2019 ]

City: Accra | Country: Ghana

## **SKILLS**

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### **Technical**

Security Operations: Incident detection & response, threat hunting and modeling. / Tools & Platforms: Chronicle SIEM, Chronicle SOAR, Splunk, MISP, Docker, GKE, Terraform / Programming & Automation: Python, JavaScript, C#, CI/CD (Azure DevOps, GitHub Actions) / Cloud: Cloud security (Azure, GCP), container security, infrastructure monitoring.

### **Soft skills**

Technical Project Leadership / Adaptable / Analytical thinking / Team player / Strong communicator / Curious learner