Ethan Micciola

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An **analytical** and result driven individual, Specializing in **Software Engineering** Technology and **Cyber Security**. Strengths in **Obj Oriented Programming**, **Security Frameworks** and controls, **Modelling** and **Reporting**, with proficiency in **Python**, **C#**, and **Python frameworks** including **Pandas**, **Matplotlib**, and **NumPy**.

PROFESSIONAL SUMMARY:

- Foundational understanding of **machine learning** concepts, **algorithms**, and **data structures**.
- **Proven capacity to effectively deliver quality** results in **fast-pace** and **high-volume** environments
- Foundational knowledge on **Agile** practices and **user-oriented** design.
- Experience with **security audits**
- Knowledge of **SIEM** tools, **Playbooks**, **Linux** OS, **NIST** Risk Framework
- Skilled with: **Python, MySQL, Node.js, Flutter, Java and C#**

PROJECTS:

Python Stock Prediction Software:

- **Integrates** top analysts trading strategies into **software**
- Uses **Tkinter** for window application
- Fetches stock data using **yfinance** library
- Integrates **Machine Learning** via **sklearn** library using **Linear Regression** for prediction

Valorant Tournament App for Mobile:

- Uses Riot **API** for credential **integration**
- **Database** to allow for saving **user data** and credentials to an account
- **Henrik API** for account info integration
- **Hashing** to keep passwords safe
- **Server** to allow connection

EDUCATION:

Software Engineering Technology – Advanced Diploma   Sept. 2023 – Present

Centennial College, Toronto, ON

Courses:
Linux OS, **Database** Concepts, Web Design, **Java**, **C#**, and **Python** Programming, **Android Studio** Development, **Software Project Management**, **Software Systems** Design, and Discrete Mathematics.

Google Cybersecurity – Certification   August 2024 – Present

Courses: Foundations of **Cybersecurity**, **Managing Security Risks**, **Networks** and **Network Security**, **Linux** and **SQL**, **Assets, Threats and Vulnerabilities**, **Detection and Response**, Automate Tasks with **Python**.

OTHER EXPERIENCE:

Your Local Cannabis - Customer Service Associate / Keyholder   Dec 2023 – Current
Toronto, ON

- **Assisting customers** with retrieving products
- **Order Handling** for customers
- **Assist customers** with product recommendations