**David Dicioco**

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**INTRO**

Experienced QA Engineer who is currently making the transition from Quality Assurance into the Information Technology field with a focus on Information Security. In order to improve my skills and gain exposure in Cybersecurity, I have produced and released content that is currently in use today (see below). Thank you for reviewing my resume.

**CERTIFICATIONS**

CompTIA Security+: SY0-601 2021

Blue Team Level 1 Security Ops (In Progress: Projected January 2022)

**EDUCATION**

Bachelor of Science, Computer Science (Honours) 2018

Ryerson University, Toronto, ON

**EXPERIENCE**

**Security Analyst / Cybersecurity Content Creator** 10/2021 – Present

**Website:** [daviddicioco.com](http://www.daviddicioco.com/)

**GitHub:** [github.com/david-dicioco](https://github.com/david-dicioco)

Developed of content for, as well as performed the following tasks:

* SIEM (Azure Sentinel) Tutorial with Live Cyber Attacks:
  + Used an open-source PowerShell script to extract metadata from Windows Event Viewer to be forwarded to a third-party API (ipgeolocation.io), in order to retrieve geolocation data
  + Configured Log Analytics Workspace to ingest custom logs containing geographic information (latitude, longitude, province/state, and country)
  + Modified Custom Fields in Log Analytics Workspace in order to map geolocation data to Azure Sentinel (Microsoft’s SIEM)
  + Configured Azure Sentinel workbook to display RDP attack data on a world map
* File Integrity Monitor:
  + Used Java to create a proof of concept File Integrity Monitor (FIM)
  + Generates a baseline file consisted of each file’s hash value (SHA-256)
  + Continuously makes comparison of the baseline file vs actual files, raising alerts if any modifications, additions, or deletions occurred

**Quality Assurance Engineer** 01/2021 - Present

**Company: Quad Infotech Inc.**

* Performed automated and manual testing on various industrial .NET and PowerShell applications
* Created automation scripts on both Selenium WebDriver and Cypress using Java and JavaScript
* Worked alongside developers and business analysts to discuss project requirements and specifications. Formulated test plans, prepared test cases and executed tests using Jira and Azure DevOps. Presented daily results to team leads
* Analyzed data using SQL on Oracle databases

**Quality Assurance Engineer** 09/2018 - 09/2020

**Company: TD**

* Developed and maintained test automation scripts using Java, Selenium WebDriver and Cucumber to reduce manual regression testing and resources
* Assisted in maintaining a custom testing framework using Java for the automation of common testing operations
* Supported internal tools used by QA analysts. Assistance provided to both onshore and offshore QA teams
* Analyzed big data using HiveQL on TD’s distributed computing architecture
* Performed both automated and manual testing

**Junior Software Developer** 05/2011 – 03/2012

**Company: Industrial Brothers**

* Developed applications with various developers and artists using the Unity game engine following an agile workflow. C# was the main scripting language used to create each project
* Worked collaboratively in a team environment with a 3D animation studio, KeyFrame Digital Productions Inc., to develop interactive children’s books for the iPad
* Created mock-ups and designed UIs for clients