Matthew Otchet

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EDUCATION

Western University   London, ON
Bachelor of Science in Computer Science   *Sep. 2022 – May 2025*

EXPERIENCE

Software Test Engineering Intern   May 2023 – Aug. 2023
WillowTree   *Vancouver, BC*
- Leveraged Kotlin with Jetpack Compose to create UI tests, enhancing system reliability and efficiency
- Crafted extensive test plans for tvOS, ensuring robust performance across diverse environments
- Integrated screenshot testing into CI pipeline, automating visual change verification in merge requests

Security Engineer Intern   Jan. 2022 – Dec. 2022
PartnerStack   *Toronto, ON*
- Led Terraform security monitoring, enhancing visibility into container workloads, audit logs, and vulnerabilities
- Directed SOC 2 audit preparations, closely collaborating with the Chief Audit Executive to design audit procedure
- Led the successful implementation of OKTA SSO company-wide, resulting in zero growth in IT ticket intake while smoothly onboarding 10+ new staff bi-weekly

QA Automation Engineer Intern   May 2021 – Aug. 2021
Ezra AI   *Toronto, ON*
- Led the development of a comprehensive back-end automation test suite in C# and implemented proven testing methodologies to streamline the testing process, replacing tedious manual testing
- Validated the functionality of web API's by managing and sending data via HTTP using C# unit test framework
- Utilized Azure Data Studio and Postman to manually test the web applications to ensure that the automated test cases were functioning correctly

Data Analyst Intern   Sep. 2020 – Dec. 2020
Bespoke Metrics   *Toronto, ON*
- Optimized the weekly invoicing process by developing queries in SQL to produce reports for the accounting team
- Coordinated a data clean-up effort to ensure registration data was accurate and complete, leading to the correction of 200+ data entries

PROJECTS

Interactive Campus Map | *Java, JUnit, Swing, Jira, Git*   Feb. 2023
- Created an application in Java that utilizes PDF floor plans and image processing techniques to allow users to search for rooms, points of interest, and personal landmarks in three buildings on the Western University campus

Clothing Resale Business | *instagram.com/northern.vtg*   May 2018 – Present
- Created a vintage clothing resale business with over 150+ sales and $5000 profit using various social media platforms and pop-up events

TECHNICAL SKILLS

Languages: Java, Python, C++, C, C#, Swift, Kotlin, SQL, HTML/CSS
Frameworks: SwiftUI, Jetpack Compose, JUnit, XCTest
Developer Tools: Git, Terraform, GCP, Visual Studio, PyCharm, IntelliJ, Eclipse, Xcode, Android Studio