Adrian Maurel De Guzman

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Profile

A detail-oriented Computer Science graduate with a strong foundation in **JavaScript, Java, and data validation**. Experience ensuring software and data quality through automated testing and analytical evaluation. Proven ability to transform complex requirements into reliable insights and collaborate effectively in Agile teams.

Key skills

- Programming & Querying: SQL (Nested Queries, Joins, Data Manipulation), Python, Java, JavaScript
- Data Tools & Methods: Data Validation, Quality Assurance (QA), Data Analysis, MS Excel
- Frameworks & Other: Spring Framework, Angular, Git, Agile Methodologies

Experience

Consultant (QA Analyst – Tosca Automation)

FDM Group (Contract work at TD Bank)| Feb 2023 – Jun 2025

Member of the QA Automation team utilising Tosca to create automated test scripts.

- Developed, executed, and maintained UI tests using Tosca to validate software functionality, ensuring front-end reliability across releases
- Identified and escalated application defects enhancing software quality
- Collaborated with developers to identify and fix UI/UX defects
- Provided mentorship and knowledge transfer on Tosca to junior team members

Mobile Android Developer Trainee

Wiley Edge| Jan 2022 – Feb 2022

Received training for developing android programs using Java and Android Studio.

- Utilized Application Programming Interface calls and data management to pull and send data from a database
- Learned to effectively create mobile layouts with XML in Android Studio to enhance user experience
- Worked alongside other trainees to debug and draft ideas to resolve issues

Yukon - Search Engine Evaluator

RaterLabs | Nov *2020 – Feb 2021*

Worked with a major search engine by refining search results towards a better user experience through multiple qualities

- Inspected landing pages and assigned ratings based on situations and location which improve results of searches on a search engine
- Researched website reliability and validity to enable safer search results for users
- Rated multiple landing pages to help narrow down broad range of results to match user search intent

Associate

Sam's Club | Aug 2016 – Mar 2017

Ensured customers service and aided in organization and smooth functioning of the store.

- Customer interaction and assistance
- Collaborated with coworkers with daily work transactions as needed
- Improved customer experience and safety within the store

FDM Skills Lab

Java

FDM Skills Lab | Sep 2022 – Dec 2022

- Professional Skills
- SQL (nested queries, joins)
- Unix (functions, parameters, writing shell scripts, loops)
- Java Core Fundamentals and Key Tools (log4j2, Mockito, Maven, Eclipse, Git)
- JUnit, TDD, UML, and Object-Oriented Principles
- Data Access (using JDBC, JPA)
- Web Development (HTML, CSS, JavaScript, XML)
- Spring Framework (Core, Boot, Data, Web MVC)
- Spring Rest/Microservices (Rest Clients, APIs, Eureka)
- Angular (TypeScript, Services, Forms, Testing)
- Agile Project Management
- Test Automation (Tosca, Playwright, Selenium)
- Academy PODS (CSPO, RMS, TMS)

Education

Bachelors of Science in Computer Science

Lewis University | Aug 2016 – May 2020

- Algorithms and Data Structures
- Web and Distributed Programming
- Computer Graphic Design
- Legal and Ethical Issues of Computing
- Object Oriented Programming
- Programming Languages, Java, Python, JavaScript
- Digital Forensics
- Web Design Applications
- Mobile Application Development

Achievements and additional skills

- Website Development, Capstone Project - Bus data simplified for metropolitan citizens, Lewis University, 2020
- Website Development, Capstone project – Advising System for Graduate Students, Lewis University, 2020
- Android Application, FruitsnSeason – Mobile Project designed with California Bay Area residents in mind, 2022
- Lemon Club Member, Lewis University – a club that worked in assistance towards Alex's Lemonade Stand Foundation for Childhood Cancer
- Recipient, Fitzpatrick Scholarship, Lewis University
- Dean's List Award, Lewis University, 3 semesters