Jalal Sinno

Software Developer

sinno.jalal@gmail.com | Middle Sackville, NS

WORK EXPERIENCE

Systems Integration / Test Specialist Associate | Lockheed Martin Canada | Dartmouth, NS

September 2023 — Present

- Developed software tests for defense systems using Scrum methodologies, Python, C++, and Java.
- Performed Black and White box testing automatically and manually in both virtual labs and physical environments.
- Developed write-ups on bugs findings and possible solutions.
- Planned and executed demos of project milestones to clients

Code Mentor | Code Ninjas | Halifax, NS

September 2021 — June 2023

- Mentored over 100+ young minds about JavaScript, C#, Python, Scratch, Robotics and 3D modelling.
- Applied Pair programming, unit testing and test-driven development.
- Designed and reviewed class curriculum for daily lessons meant for kids aged 6 to 17 years old.
- Developed Unity games that acts as a virtual lesson for the students.

Operational Data Manager | Michelin | Bridgewater, NS

May 2022 — Sept 2022

- Designed and managed the transition from an old legacy database to a fault-tolerant, cloud-based solution.
- Solution includes Python, SQL, Javascript, Azure and PowerBI to pipeline the data to and from the warehouse.

Web Developer | National Wealth Management | Remote

May 2021— Sept 2021

- Redesigned company website by researching top competitors in the financial sector.
- Implemented personal and third-party advertisements on the new website to begin generating income.

SKILLS

Front-end: Python, HTML, CSS, JavaScript.

Back-end: Java, C++

Databases: MySQL, S3, MongoDB.

Testing: Test-driven Development, Unit, Integration, Regression, Smoke.

CI/CD: Jenkins, Git, Docker.

Methodologies: Agile, Scrum, Object Oriented Programming, Functional Programming, MVC Design Patterns.

RECENT PROJECTS:

Nutrition Label Scanner – Python machine learning application that identifies a nutrition label in a picture and extracts all the nutritional info. Users can begin comparing previously scanned products with newly scanned products and federal nutritional recommendations.

Barter Trader App – Built using Android Studio SDK with Java to allow users to buy and sell items on an Amazon-like website. Users can take photos of their product and add tags which helps with the optimization of the built-in search bar.

EDUCATION AND CERTIFICATIONS

ISTQB Foundation Level Agile Tester | December 2024

AWS Cloud Practitioner | June 2024

ISTQB Foundation Level Tester | May 2024

Bachelors of Computer Science | Dalhousie University | 2018 – 2022

- Certificate in Cybersecurity and Communications Technologies
- Certificate in Artificial Intelligence and Intelligent Systems
- Cooperative Education, which included three, 4-month work terms