NNAMDI ECHEGINI

eche0011@algonquinlive.com
Nepean, ON, K2J-0N9
Phone: (343)558-4103

LinkedIn: https://www.linkedin.com/in/nnamdi-echegini/

Web: https://nnamdi-echegz.github.io/webportfolio/

GitHub: github.com//Nnamdi-Echegz

EDUCATION

Computer Programming | 2022 – Present | Algonquin College, Ottawa, ON
Program Description: Program Information

PROGRAM-RELATED SKILLS

Languages: HTML5, CSS3, Sass, JavaScript, Angular, React, Java (Object Oriented Programming, Debugging, Junit testing), PHP, Python, SQL, COBOL, XML, Bash Scripting (windows & Linux)

Operating Systems: Windows, Linux

Technologies: Visual Studio Code, Eclipse, Net Beans, My SQL, MS SQL, MS Access, Oracle SQL Developer, Android Studio, VM Ware Workstation, Ubuntu, Git, GitHub, XAMPP, Cisco Packet Tracer, Wireshark, Microsoft Office 365, JIRA, Adobe Illustrator

ADDITIONAL QUALIFICATIONS

- Strong communication skills (verbal and written).

- Great team player, collaboratively working with team members to solve problems.

- Knowledge of project management strategies using the Agile and Scrum principles and framework.

- Efficient time management skills with multitasking capabilities to deadlines.

- Great at critical thinking, analyzing, and drafting action plans to bring about solutions to technical issues.

- Enthusiastic about learning new technologies and implementing good usage practices.

- Asks questions were necessary, to make informed decisions on situations at hand, while working on a solution.

- Experience with the remote handling of projects and meetings.

PROJECTS

New York Times (Java, Android Studio, XML, Git, GitHub)

- Developed an app whereby users can search for articles that were written in the New York Times using the New York Times Developers API.

- Fetched and generated details for each searched article using responses from the API.

- Designed User Interface components using XML and provided functionality using Java.

- Stored users last searched article details using Shared Preferences

Salary Payment Program (JAVA)

- Analyzed the requirements of the project on how each class is to relate with one another in order to process two invoice objects with an output file based on different payment methods in the program and showing the payment amount for each object (account holder/owner) being processed.

- Used the concepts of Object-Oriented Programming (abstraction, inheritance, polymorphism, and interfaces) to achieve code reusability and implement different behavior in different classes to achieve the sole aim of the program, which is to simulate how workers in organizations/companies are paid based on their hierarchies.

- Used the J unit test to run tests on certain methods, to ensure they worked properly.

- Used java documentation to enable an easy grasp whenever the code is revisited or to be viewed by someone else.

Exception Handling (Java)

- Created a class which contained the main method with four inner classes which extended each other sequentially.

- Wrote code that two immediate sub class exceptions will be caught in the catch block of the first created exception (parent).

- Used the printStackTrace() method to print output, showing that the exception subclasses have been caught successfully.

Portfolio Website (HTML, CSS)   **nnamdi-echegz.github.io/webportfolio/**

- Created a wire frame to plan the website layout with consideration for content, functionality, and user experience.

- Designed my Portfolio website with HTML, CSS and made regular updates on the code for better functionality, and in accordance with good coding practice.

- Set break points for better compatibility and appearance on various devices including mobile.

HandyApp (HTML, CSS, JavaScript)   **https://nnamdi-echegz.github.io/HandyApp/**

- Created a user-friendly web application with three different interfaces which serve their unique purpose.

- Designed the application to allow the user to choose between a shopping list maker, a score sheet with two default countdown settings, an alarm and a stopwatch, and a conventional metric system converter.

Data base management

- Creation and implementation of triggers in an Oracle database

- Creation of SQL queries to sort through large data sets in a database for specific results in My SQL and MS SQL

- Creation and implementation of queries to handle user registration and log in for a web application using My SQL and PHP

Network Programming

- Resolution of network connection issues between topologies using Cisco packet tracer

- Reconfigured and tested networks using Wireshark, windows command prompt, routers and ethernet cables.

OTHER EXPERIENCE

Data Analysis   **Federal University of Technology Akure (2018-2021)**

- Went on field surveys and collected data based on the subject of investigation.

- Followed up with data entry and analysis using analysis packages such as SPSS, Microsoft Excel, and R studio.

- Created data visuals with visualization tools such as Microsoft Excel and Tableau.

Graphics Design (freelance work)   **(2020-2022)**

- Created flyers for brand advertisements of mostly small organizations, using Adobe illustrator.

- Created flat illustrations for web pages, flyers and branding or awareness videos.

- Communicated with clients to reach agreements on their needs and deadlines.