Akeem Miller

2505 Aqueduct Avenue Apt 5G, Bronx, NY 10468
Work Authorization: US Citizen

Contact Information
Phone: 1-718-249-9081
Email: Ajayj46@gmail.com
LinkedIn: https://www.linkedin.com/in/akeem-miller-a36910158/

GitHub Account
https://github.com/AMiller113

Education

Bachelor of Arts - Computer Science (Complete)
Institution: Queens College - Queens, NY

Associates in Applied Sciences – Marketing Management (Complete)
Institution: New York City College of Technology – Brooklyn, NY

Internship

Game Development and Design Intern (Company: 24/7 Learn, January 2019 - April 2019) - Coordinated of team of individuals of separate disciplines to create a plan to implement gaming elements onto an online learning platform. Did research into learning psychology. Created multiple strategic documents along with a technical document detailing how it can be implemented by developers. Process meant to imitate the Product Development Cycle.

Skills

Programming Languages – C# (.Net Framework), Python, SQL, Java, C++, HTML, JSON
Application Technologies – Visual Studios 2017, PyCharm, Google Colab, IntelliJ, SQL Server Management Studio 2017, GitHub, Git Desktop, Azure DevOps, Jenkins, Microsoft Excel
Software Development/Engineering – Numpy, Tensorflow, ASP.NET, Entity Framework, WPF, JDBC
Other Technical Skills – Machine Learning, Relational Databases, Multithreading, File I/0 Manipulation, Debugging, API Access, Exception Handling
Soft Skills - Marketing, Business, Economics, Verbal and Written Communication, Critical thinking, Problem-Solving, Analysis

Coding Projects

Blackjack (Python) – A simulation of blackjack as a python console application.
Machine Learning Models (Python, Tensorflow 2.0) – Created various machine learning models using Keras Layers in Tensorflow 2.0 including autoregressive models, convolutional neural networks recurrent neural networks and LSTMs.
Hotel Reservations(C#) – A console application that allows the user to enter their information for access to a hotel room for a specified amount of time uses the BinaryFormatter class to serialize the data for persistence.
Sports Booking Database (SQL) - A database comprising of 4 tables (2 parent tables and 1 table, 1 extra table). Uses a number of stored procedures/functions and a view for ease of use.
Party Invites (ASP.NET, C#, CSHTML) – Developed a web page that has the user enter their information into a form and then stores the information into a list, which can then be displayed to the user.
Bank Account Manager (C#, WPF, Entity Framework, Visual Studios) – Implemented a desktop application that simulates an ATM. Uses Entity Framework with OOP inheritance and LINQ queries for database functionality. WPF for the GUI implementation.
Task List Android Application (Java, Android, Mobile Development, Room Persistence, SQLite) – Implemented android planner application. Data persistence using the Room Persistence library (an abstraction of SQLite).
Food Log Console Application (Java, JDBC, SQL) - Console application, creates a user inputted log of foods consumed on a particular day. Uses JDBC for persistence and database query capability.
Data Structure Implementations (Python, C#, Java) – Implemented many common data structures and algorithms in various languages to further my knowledge of the differences between these languages and of computer science itself.

Self-Study

SQL - Fundamentals of Database Systems (Ramez Elsmasri)
Python – Learn Python the Hard Way (Zed Shaw)
C#/ASP.NET - C# in a Nutshell (Joseph and Ben Albahari)**,** Pro ASP.Net Core MVC (Adam Freeman)
Java - Core Java Volume 1 and 2 (Cay S.Hortsmann, Gary Cornell)