**BRAYAN** AVILES  
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**Summary**

Junior computer programmer and data analyst with a strong technical proficiency in problem-solving and the ability to use correct programming techniques. I have a focus on programs, desktop applications, and database management.

**Skills**

* Object-Oriented C++ Programming
* C# database programming with MSSQL
* Unity Hub mobile applications with C#
* Augmented Reality
* Project management using the software development life cycle
* Java database programming with MySQL
* Visual Basic, Python, HTML, CSS, and JS

**Education  
Texas State Technical College Waco** – Waco, TX  
**Associate of Applied Science AAS** - Computer Programming   
08/2020 - Present

**New Apprenticeship** **Bootcamp** - Remote  
02/2022 - 04/2022

**Student**

**Texas State Technical College -** Waco Campus **Waco, TX**

**SDL C++ Games (**Summer / 2021)

* Developed an accelerated 2D render API
* Implemented various algorithms for movement, trajectories, and acceleration
* Allowed keypress to move the player and allow them to shoot

**Binary Files & Files** (Spring / 2022)

* Comprehension on writing to and reading from a binary file in C++ and C#
* Comprehension on writing to and reading from a regular file in Java

**Restaurant Group Project** (Summer / 2021)

* Used C# for the GUI (graphical user interface) and MSSQL to manage the database
* Implemented a login screen that allowed users to login, create an account, and password recovery via email
* Communicated and collaborated with a partner for 12 weeks to finish and present to instructors. The workload was distributed evenly. Planned out different milestones (login screen, customer screen, employee/management screen)
* To group effort on a single project we used GitHub to push, pull and merge to a master branch.
* Created a screen for management to give admin role and allow changes to prices, add new menu items, and update menu items