

# Jayson Brown

718-600-6742 | 2858mgrp@gmail.com | Rosedale, NY | [linkedin.com/in/jayson-brown1/](https://www.linkedin.com/in/jayson-brown1/) | [github.com/Zeus3252](https://github.com/Zeus3252)

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## Experience

### Elite Education & Training Services (EETS) – Licensed school for online education

Queens, NY

#### Frontend Developer

March 2020 – Present

- Rebuilding the front-end portion of the business website as needed using HTML, CSS and JavaScript
- Reformatting the website header, updating the course lists, replacing existing images, and adding other miscellaneous functionalities to the website as needed to enhance the customer experience
- Created user-friendly and mobile responsive webpages utilizing Chrome DevTools Mobile Emulation to enhance the customer experience

#### Database Manager

May 2020 – July 2022

- Created and maintained Microsoft Access databases using MySQL which contained customer information
- Wrote SQL queries to store and organize large amounts of sensitive user data
- Wrote SQL queries weekly to record and report product usage to identify ways to improve the customer experience.
- Assisted with creating new SQL databases for user information to be reported to the state, and other ad hoc database administration assignments

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## Projects

### Shopping Website – React.js, HTML, CSS

- Website containing several items and cart the user can add or remove items from. It features a search bar which allows the user to find specific items. All of which is made functional by React. The website contains several HTML web pages which are styled with CSS. A price is calculated at checkout from the selected items using React.

### Polymorphism project– C++

- Calculates the BMI of the user from input. Next, a prompt displays for the user to select a shape from available options. Lastly, the user takes a short quiz which measures how happy they are based on their responses. Three virtual run-time binding methods are used, one for each section. The compiler matches the method call with the correct method definition at runtime.

### Parent-child processes project – C

- Spawns 2 child processes from a parent process. One child process performs the Iterative Fibonacci Algorithm and the other the Recursive Fibonacci Algorithm. The user inputs the numbers to be calculated. Clocks are implemented in both child processes to measure the run time of the calculations and compare the efficiency of each algorithm.

### Lexical Analyzer – C++

- Analyzes specific input files and lists the tokens with their respective lexemes. There are 3 sets of outputs, one for each of the 3 files included and each contain different programs of different sizes. These file sizes are also included in the output

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## Education

### Georgia Southwestern State University

Americus, GA

M.S. Computer Science (3.70 / 4.00 GPA)

August 2021 – July 2022

### CUNY York College

Queens, NY

B.S. Computer Science

August 2016 – May 2021

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## Skills

**Languages:** HTML, CSS, JavaScript, C/C++, Python, SQL, OOP

**Frameworks:** React.js, Node.js, Vue.js, REST API,

**Developer Tools:** Git, WordPress, Visual Studio, Brackets, Microsoft Access, Weka (machine learning tool)

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## Extracurriculars

### New York Cares

Virtual Volunteer

June 2020 – 2021

- Responsibilities included completing multiple volunteer projects remotely. For instance, aiding parents in setting up school-issued electronic devices for their kids' usage and orienting users to the devices