Andrew Iliescu

Computer Engineer | Developer

Info

Phone
(773)-370-6269

Email
iliescuandrew@gmail.com

Links
GitHub
LinkedIn
Personal Site

Skills

Java
JavaScript
React.js
Node.js
Express.js
HTML/CSS
C/C++
Python
Git
Linux OS/Terminal
Databases SQL/SQLite
Android App Development

Education

Milwaukee School of Engineering

Bachelors of Science in Computer Engineering | May 2021

Additional Field of Study in Mathematics & Business Administration | May 2021

Maine East High School | 2017

Personal Statement

My professional goal is to add to the success of the company I work for by utilizing my problem-solving abilities, leadership qualities, and diligent work attitude. I have a passion for team driven success and find great joy in helping others.

Projects

Paint GUI | C++
Created a barebones version of Microsoft paint in C++ where I utilized the functionality of the C++ coding language to create multiple classes for shapes that allows the user to customize and draw unique figures on a GUI.

Prims Algorithm | Python
Worked in a team to implement a working version of Prims Algorithm to traverse the shortest path of a graph from any random starting node. Needed to create a custom graph and tree class to store the data and perform the calculations needed to traverse the graph. Also, created a demo using varying sized graphs to determine the run time complexity.

Matrix Multiplication Using Shared Memory | C
Read in text files that contained the data for a matrix that would then store it in memory using malloc and then this memory was shared across multiple processes using the fork command. This allowed for synchronous multiplication of matrices across multiple processes.

FlashBoard App | Java
Worked in a team to create an Android application for car enthusiasts and racers to see real time speedometer values, use the phones sensors to display a graphical view of the directional g-forces acting on the vehicle, and track data for the route that the device covered. All the information is printed to a CSV file and the app also include Google Maps integration that utilizes markers to display the route and data to the user. All the information is stored in a Realm database.

Achievements

Dean's List at MSOE

Honor Roll at MSOE

GPA: 3.5/4.0

Peter I. Georgeson Scholarship Recipient

Westmoreland Scholarship Recipient

Innovent Center Competition Grant Winner

Experience

Westmoreland Country Club
Honor Level Golf Caddie | 2015-present

Programming tutor
Java, C/C++, Python | 2020-present