

STEVE PERRY

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📍 Miami, FL

EDUCATION

B.A.

Computer Science

Florida International University

📅 2022 - 2024

📍 Miami, FL

Relevant courses

- Data Structures & Algorithms
- Programming I & II
- Database Management
- Algorithm Techniques

SKILLS

- Strong coding skills in multiple languages Including Python & C
- Designing, implementing, and optimizing relational/NoSQL databases.
- Fluency in workflow programs and video conferencing tools such as Skype, Dropbox, Zoom
- Knowledgeable in multiple operating systems

Fluent Languages

- English
- Spanish

CAREER OBJECTIVE

To pursue a job opportunity in a competitive environment that will challenge me to push my boundaries and expand my knowledge in the field of computer science while allowing me to add value to the dynamics of the company.

PROJECTS

Balanced/Unbalanced Trees

- I wrote a multi class program that compared the efficiency between Balanced and Unbalanced Binary Search Trees to show my understanding of running times and to display each efficiency so the user can see which one is faster than the other.

Salaries of Employees Using Polymorphism

- Created a program that would calculate the salaries of employees, and the salary deductions based on the number of days an employee is on leave.
- The Employee class kept track of the employee ID, name, department, salary, and designation with appropriate accessor and mutator methods.

Recursion to Solve Math Problems

- Created a program that used recursive function to solve math problems.
- The problem was as follow: There are 'n' people in a room, where 'n' is an integer greater than or equal to 1. Each person shakes hands once with every other person. What is the total number, h(n), of handshakes?

Exceptions Handling to Convert Dates

- Wrote a program that converted dates from numerical month/ day/ year format to normal "month day, year" format.
- I defined three exception classes, one called 'MonthException', another called 'DayException', and a third called 'YearException'. If the user entered anything other than a legal number, the program would throw and catch an exception and ask the user to reenter the number.

Passengers Seats in an Airplane Using Multidimensional Arrays

- Wrote a program to assign passengers seats in an airplane.
- The program displayed the seat pattern, with an 'X' marking the seats already assigned.
- After displaying the seats available, the user could type in a seat, and then the display of available seats would be updated.

File I/O in Java

- Wrote a program that edited text files to display each complete sentence with a period at the end in a separate line.
- The program would ask the user to input file name containing sentences separated with a period.
- Created a temporary file, copy from the source file to a temporary file and performed the required operation.
- Copied the contents of the temporary file back into the source file. Used a method (or methods) in the class File to remove the temporary file.