Robert Owens

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ABOUT ME

Aspiring computer scientist, dedicated to further honing my skills as a programmer. Driven by passion and curiosity, I am eager to apply my current abilities and knowledge while acquiring new expertise. Confident in my ability to perform and succeed when handling challenging tasks in demanding situations.

EDUCATION

Towson University **Baltimore, Maryland**
Bachelor of Science *in Computer Science*
GPA: 3.1/4.0
Dean's List: Fall 2021 *2021 – Expected 05/2025*

Chesapeake Science Point PCS **Hanover, Maryland**
High School Diploma *2017 – 2021*

Relevant Coursework

Computer Science:

Introductory Object-Oriented Program Analysis and Design • Introduction to Computer Science 1 • Introduction to Computer Science 2 • Data Structures and Algorithm Analysis • Introduction to Cyber Security • Principles of Computer Organization • Database Management Systems • Object-Oriented Design and Programming • Software Engineering

Math:

Calculus 1 • Calculus 2 • Discrete Mathematics

SKILLS

- Adept at Python, Java, C++, SQL, AutoCAD
- Highly Adaptable
- Great Communicator and Collaborator
- Excellent Time Management Skills
- Excels in High Stress Situations
- Leadership

Notable Academic Projects

Fraction Java Class

- Through this project, I was able to improve my knowledge of Java development and gain a deeper understanding of the fundamentals of object-oriented programming. The key components of the program included Encapsulation and Abstraction, Overloading Operators, Exception Handling, and Unit Testing.

Skills Acquired/Enhanced:

- Java Programming Proficiency
- Problem-Solving and Algorithmic Thinking
- Best Software Engineering Practices
- Debugging and Troubleshooting

Vehicles Java Class

- With this project I represented different kinds of vehicles and their functionalities within Java programs. In addition to improving my grasp of software design principles, this project gave me invaluable practical experience with object-oriented programming and Java development. The key elements of the program included Vehicle Hierarchy (Different Vehicle Types), Inheritance and Polymorphism, Encapsulation and Access Control, and Method Overriding.

Skills Acquired/Enhanced:

- Object-Oriented Design Principles
- Java Language Proficiency
- Software Design Patterns
- Collaborative Development