

MOUSTAFA ELSAYED

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EDUCATION

SEPTEMBER 2018-MAY 2023 SAINT CLOUD MN

B.S., COMPUTER SCIENCE - SAINT CLOUD STATE UNIVERSITY

RELEVANT COURSES:

- Data Structures
- Software Systems
- Fundamentals of Distributed Systems
- Programming Language Concepts
- Object Oriented Software Development
- Platform Based Development
- Database Design
- Expert Systems
- Intro to Artificial Intelligence

SKILLS

- **Programming Languages:** Proficient in Java, Python, and C++. Familiar with Javascript, HTML, CSS.
- **Object-Oriented Design:** Solid understanding of object-oriented principles and design patterns.
- **Software Development Tools:** Extensive experience utilizing GitHub for version control and collaborative software development. Proficient in utilizing Maven as a build automation and project management tool for Java-based applications.
- **Problem Solving:** Proficient in applying strong analytical skills and paying attention to detail to effectively solve complex software application problems.
- **Database Management:** Familiar with SQL and relational database systems such as MySQL.
- **Continuous Learning:** Strong commitment to keeping up with emerging technologies and industry trends to consistently enhance skills.

PROJECTS

Ecommerce Simulator [Github](#)

- Developed Ecommerce Simulator project in Java using Maven for build automation and JUnit for testing.
- Implemented a console-based simulation of an ecommerce business, involving a supplier, a client, and a warehouse.
- Utilized design patterns like the factory design pattern to create products and abstract objects to facilitate object-oriented design.
- Implemented functionalities where the supplier creates and ships products to the warehouse, and the client can place orders from the warehouse.