

# MOUSTAFA ELSAYED

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Committed to delivering high-quality software products, I aim to join a dynamic team where I can apply my knowledge, learn from experienced professionals, and make a meaningful impact in the field of software development.

## 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.
- Web Development: Familiar with AngularJS and ReactJS
- Problem Solving: Proficient in applying strong analytical skills and 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, client, and warehouse.
- Utilized design patterns like the Factory Method 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.