Matthew Muller

Software Developer

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SKILLS

Hard Skills

Object-oriented programming

Data Structures and Algorithms

Full-stack development with JavaScript, HTML, CSS, Angular, Node.js, etc.

Cloud development with AWS, Docker, etc.

Software design, testing, and analysis

Project requirements definition

Relational and non-relational database management (SQL, MongoDB, DynamoDB)

Understanding of Software Development Life Cycle and Scrum/Agile methodologies

Proficient in version control with Git/Github

Experience with Microsoft Excel

Experience with multiple IDEs (Visual Studio, Eclipse, PyCharm, Android Studio)

Soft Skills

Fast and eager learner

Strong problem solving/critical thinking skills

Strong written/verbal communication skills

Excellent teamwork skills

Driven self-starter with effective time management

ACHEIVEMENTS/ACCOLADES

President's Award for Educational Excellence
Phi Theta Kappa Honor Society
1400 SAT Score
5 on AP Calculus exam, 4 on AP Physics

CAREER OBJECTIVE

Highly motivated recent graduate of computer science with a wide array of educational experience across the full software development life cycle. Knowledge of object-oriented programming with Java, Python, and C++ with experience in software testing, debugging, and QA. Strong mathematical and written/verbal communication skills with experience in relational/non-relational database management. Passionate about contributing to meaningful projects and learning new skills. Eager to begin a career that allows me to grow as a developer in a team-oriented environment.

EDUCATION

Southern New Hampshire University, Manchester, NH
2021 - 2023
B.S. Computer Science
Awards and Honors: President's List, 3.3 GPA

Three Rivers Community College, Norwich, CT
2018 – 2020
A.A. Liberal Arts and Sciences
Awards and Honors: Dean's List, 3.72 GPA

WORK EXPERIENCE

Shipping/Packing Line, Lapham-Hickey Steel, Stonington, CT
Jan. 2024 - July 2024
- Prepared and packaged steel coils for shipment in a team-driven environment, frequently adapting to unique customer needs
- Utilized computer software in order to complete orders according to specific requirements
- Praised by my superiors for being a hard worker and a fast learner

North Stonington Package Store, North Stonington, CT
Aug. 2022 - Jan. 2024
- Increased store efficiency by improving inventory management and space utilization
- Created product orders based on analysis of current inventory and store needs
- Utilized computer software in order to adjust/maintain product inventory

IMPORTANT COURSES

CS-465 & CS-470: Full-Stack Development I & II
- Designed and developed a full-stack RESTful web application through use of programming language frameworks. Developed a database and the code that interfaces the application with the database.
- Developed a full-stack cloud application utilizing Docker and AWS architecture and demonstrated ability to communicate highly technical content to both technical and non-technical audiences.

CS-300 - Data Structures and Algorithms: Analysis and Design
- Used advanced algorithmic designs to evaluate complex data structures to aid in problem solving.
- Analyzed the advantages and disadvantages of various data structures, including vectors, trees, and hashtables, and used this information in order to make a recommendation for an application.
- Developed each data structure by first writing pseudocode and then implementing it into actual code.

DAD-220: Introduction to Structured Database Environments
- Utilized MySQL in order to create and manipulate database environments for the purpose of analyzing a company's business data.
- Constructed and analyzed queries in order to address data requirements and discover trends in the data that could be translated into actionable insights to inform decision-making.