Adam Rodi

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**EDUCATION**

**Southeastern Louisiana University** May 2027

*Bachelor of Science in Computer Science*

*Minor in Mathematics*

GPA: 4.0

**WORK EXPERIENCE**

**Motor Transport Operator**, Louisiana Army National Guard October 2022 – Present

* Coordinated logistical operations, including route planning, load securing, and scheduling, optimizing efficiency, and minimizing delays.
* Collaborated with mentors and other soldiers in a team-based environment to complete logistical missions, consistently meeting standards of excellence.
* Maintained detailed records of personnel and equipment, ensuring accountability and accuracy.
* Earned positions of leadership by exceeding expectations and demonstrating a strong will to learn and improve.

**IT Intern**, Ochsner Health Center October 2023

* Ensured the security of healthcare data by monitoring and addressing potential cybersecurity vulnerabilities in collaboration with IT mentors.
* Assisted system administrators in maintaining the IT Infrastructure, including troubleshooting networking and server-related issues.
* Provided tailored technical support for healthcare professionals in a fast-paced environment by solving both hardware and software issues.

**Advanced Individual Training**, Army National Guard May 2023 – October 2023

* Selected as the Platoon Guide out of ninety-one soldiers after being regarded by higher leadership as self-motivated and eager to grow.
* Led a team of 91 soldiers to the completion of each training exercise in a challenging environment.

**RELEVANT COURSEWORK**

**Data Structures** August 2024 – December 2024

* Built and manipulated data structures such as arrays, linked lists, stacks, queues, binary trees, hash maps, and graphs using Java.
* Applied object-oriented principles to design software that efficiently handled data storage and retrieval.
* Analyzed time and space complexity to optimize performance in different applications.

**Algorithm Design and Implementation I and II** January 2024 – August 2024

* Implemented fundamental algorithms in Java, including sorting (e.g., bubble sort, merge sort) and searching (e.g., binary search).
* Applied object-oriented programming principles like encapsulation, inheritance, and polymorphism to design modular, efficient code.

**TECHNICAL SKILLS**

* Languages: Java, C++, JavaScript, HTML, CSS
* Software: Git, GitHub, IntelliJ IDEA, Eclipse, Agile Methodologies
* IT Infrastructure: Networks, Servers, Database Management, Vulnerability Assessment

**AFFILIATIONS**

**Member**, Association of Computing Machinery (ACM) January 2024 – Present