

MICHAEL J. LAWSON

GitHub Portfolio: <https://lawsonmj2024.github.io/Portfolio/>

Detail-oriented Computer Science graduate and veteran, offering a robust foundation in software engineering complemented by a mature perspective on teamwork, leadership, and problem-solving. Brings a wealth of life and professional experiences that foster a strong work ethic, emotional intelligence, and effective interpersonal communication. Eager to apply technical expertise and collaborative spirit to tackle real-world software challenges.

EDUCATION

Bachelor of Science, Computer Science - Colorado State University, Global - **3/10/2024**

- **Graduated Magna cum laude**

SKILLS

- **Programming:** Java (with Android development), Python, C++, JavaScript, HTML, with a solid understanding of various data structures.
- **Software Development:** Proficient in SDLC, Waterfall, Agile (Scrum), and UML diagrams.
- **Database Management:** MySQL, SharePoint lists, Power Automate automation.
- **OOP:** Members, attributes, inheritance, interfaces, generics in Java and C++.
- **Tools:** Eclipse IDE, Android Studio, Git.
- **Debugging:** Extensive experience, especially during Android app version upgrades.

WORK EXPERIENCE

TEIS Shop Lead | Toyota Motor Manufacturing, Kentucky

- Led a Cost-Saving Optimization Project: Conducted a meticulous 10-cycle time study of 14 production processes on an assembly line, decomposing each process. Successfully rebalanced and reduced the number of processes from 14 to 13, resulting in an annual cost savings of \$250,000 without negatively impacting key performance indicators.
- Maintain and update proprietary data in a server database.
- Participate in kaizen activities to improve production KPIs using TBP principles.
- Maintain records from change management activity.
- Troubleshoot software problems and report bugs.
- Host and lead monthly Teams meetings to disseminate development updates.
- Drive regional engagement and obtain buy-in for software development initiatives.
- Present and demonstrate key features of the database system to stakeholders.

Automated Logistics Specialist | Kentucky Army National Guard

- Worked closely with various departments to synchronize supply needs, ensuring optimal availability and distribution of critical resources.
- Regularly underwent extensive technical and leadership training, emphasizing adaptability and continuous personal growth.