

Maliek Davis

Software Engineer

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I am a motivated software developer with three years of experience delivering high-quality, scalable solutions. Seeking to join a dynamic team to refine my skills, drive innovation, and contribute to impactful projects.

Work Experience

Project Manager

Jan 2018 - Mar 2019

Sumitomo Electric Wiring Systems | Farmington Hills, MI

Project Manager for a prototype driverless car project with a top technology company, leading cross-functional teams, developing a change management system, and implementing inventory management processes to ensure timely delivery and project success.

- **Change Management System Development:** Designed and implemented a comprehensive change management system to streamline prototype revisions and approvals.
- **Inventory Management System:** Created an inventory system, improving tracking accuracy and reducing material delays by 30%.
- **Cross-Functional Coordination:** Led teams across engineering, design, and supply chain, achieving all project milestones on time and within budget.

Engineering Change Manager

Aug 2013 - Aug 2017

Tianhai Electric North America | Auburn Hills, MI

Managed engineering changes for wire harness projects exceeding \$10M, ensuring timely implementation, cost efficiency, and compliance. Coordinates cross-functional teams, oversees ECRs/ECOs, and optimizes workflows to support production for the automotive industry's Big Three.

- **Reduced Change Implementation Time:** Streamlined engineering change processes, cutting implementation time by 25% while ensuring compliance with automotive industry standards.
- **Cost Savings Initiatives:** Led cost-reduction strategies during engineering changes, achieving \$1.5M in annual savings for high-budget projects exceeding \$10M.
- **Cross-Functional Collaboration:** Successfully coordinated with design, production, and quality teams to implement over 100 engineering changes with zero production delays.

Projects

Personal Portfolio

Aug 2024 - Nov 2024

Cutting-edge platform leveraging modern frameworks like ThreeJS, Next.js, TypeScript, and Framer Motion to deliver a seamless, responsive user experience. It highlights advanced front-end design, back-end integration, and dynamic content rendering for technical depth and inspiration.

Authentication Web App

Jun 2023 – July 2023

Secure authentication app built with NextJS, TypeScript, and NextAuthJS. It highlights a simple and intuitive user interface, with integration to MongoDB for user data persistence.

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Core Skills

Web Development, Software Testing, Software Engineering, Software Debugging, Computer Science, Openness to Criticism, Software Development, Database Management, Problem Solving, Technological Adaptability, Data Structure, Communication, Programming, Engineering, Architecture, Agile Development, Project Management, Passion, Critical Thinker, Problem-solver, TypeScript, API creation, API consumption

Education

Oakland Community College

Aug 2023 - Jun 2026

Associates of Applied Science | Computer Science

Languages

English (Birth Language), Spanish (Beginner)

Certificates

Python Programming

Dec 2024

Kaggle

Intro to Machine Learning

Dec 2024

Kaggle

Interests

Quantum Physics, Physics, Computer Science, Basketball, Snow Boarding, Nature, Self Development, Life-Long Learning, Science, Astronomy, Neuroscience, Material Science, Psychology, Reading, Tinkering