



Michael ANDERSON

VERIFICATION ENGINEER

Innovative Electronics Verification Engineer with a strong focus on automotive electronics, possessing 6 years of experience in designing and validating electronic control units (ECUs). Proficient in Model-Based Design and MATLAB/Simulink, enabling the development of robust verification environments. Notable for enhancing product reliability and safety through rigorous testing processes. Experienced in working directly with clients to understand requirements and tailor solutions accordingly.

CONTACT

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SKILLS

- Model-Based Design
- MATLAB/Simulink
- ISO 26262
- ECU Verification
- Automated Testing
- Problem Solving

LANGUAGES

- English
- Spanish
- French

EDUCATION

**BACHELOR'S IN ELECTRICAL
ENGINEERING, GEORGIA INSTITUTE OF
TECHNOLOGY**

ACHIEVEMENTS

- Contributed to the successful launch of a new ADAS product, improving safety ratings by 30%.
- Recognized for exceptional performance with an 'Employee of the Year' award.
- Enhanced testing methodologies, resulting in a 20% reduction in time-to-market.

WORK EXPERIENCE

VERIFICATION ENGINEER

AutoElectronics Corp.

2020 - 2025

- Designed and implemented verification strategies for advanced driver-assistance systems (ADAS).
- Utilized Model-Based Design to simulate and validate ECU performance under various conditions.
- Collaborated with cross-functional teams to ensure compliance with ISO 26262 standards.
- Conducted testing of prototypes, identifying and addressing issues before mass production.
- Developed automated test scripts, reducing testing time by 25%.
- Provided training sessions for junior engineers on verification tools and methodologies.

JUNIOR VERIFICATION ENGINEER

SmartDrive Technologies

2015 - 2020

- Assisted in the verification of automotive systems, focusing on software-hardware interactions.
- Executed test cases and documented results, contributing to overall project success.
- Supported senior engineers in troubleshooting and debugging complex automotive designs.
- Participated in design reviews to provide valuable verification insights.
- Maintained detailed records of testing procedures for compliance purposes.
- Engaged in continuous learning to enhance technical skills relevant to automotive electronics.