

Daniel Meyer

Software Engineer

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Chino, CA

(951) 537-8567

dmlegoman96@gmail.com

[LinkedIn](#)

[Portfolio](#)

Dear Hiring Manager,

I am a Software Engineer with over 5 years of experience developing full-stack solutions for embedded, native, and web applications. I am hands-on, detail-oriented, and always looking to grow and improve. With every project I am a part of I seek to go above and beyond what is expected and deliver the highest possible code I can provide. I am excited for the opportunity to showcase my skills to you and your company.

In my last 6 months at Mercedes-Benz Research & Development North America (MBRDNA) I have been creating and improving tools for the powertrain team. I rewrote the emissions lab's data collection tool to use multi-processing (I/O limited) to reduce execution time from 24hrs to 20 minutes. I also created a new web tool for the emissions lab that visualizes overall fleet health and the lab's productivity. For the vehicle driveability team, I created a React Native application that created a full GUI for their MATLAB analysis tool. I updated the MATLAB scripts so they can be packaged into a Python package and then multithreaded. Prior to working at MBRDNA I spent 3 years at Fisker Inc. working on the Fisker Ocean program. There I integrated Unity to provide real-time visualization of the Advanced Driver-Assistance System (ADAS) and developed the CANBUS backend for the Android Automotive OS based HMI. My other contributions at Fisker include developing internal tools for the design and engineering teams. For the design team I developed tools that allowed them to test new Figma designs on the vehicle hardware without the need for flashing the vehicle ECU. For the engineering team I developed a series of KPIs to measure system performance and a tool that gathered performance data from vehicles and generated reports on the build health and performance.

I am grateful for your time and consideration. Let me know if you have any questions or require references. I look forward to creating solutions for your company.

Sincerely,

Daniel Meyer