

# Malik Crutchfield

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Dear GTL hiring manager,

I am very excited to enter the real world of engineering and am looking for a career that utilizes my skills in decision making and project management.

I have a B.S. in Mechanical Engineering from The University of Tennessee. I have experience working as a quality engineer intern at Aisin Automotive. In this position and through my schooling I have had the opportunity to:

- Assist in the introduction of a new line of engine water pumps. Creating quality inspection documentation for line workers and final inspectors.
- Lead multiple quality inspections on the factory floor, and maintained quality documentation for each line.
- Work with different engineers, maintenance, and floor workers to investigate quality issues.
- Communicate these issues and what quality protocol was being taken to eliminate the problem to the customer.
- For my senior design project, I collaborated with three other engineering students to design and test a water collection and distribution system for a Shangri-La Therapeutic Academy of Riding horse arena.
- I have taken elective classes in Additive Manufacturing, Computer Aided Design, Compressible Flow, Structural Analysis, and Statistics.
- In senior lab, I have performed experiments and written reports on heat exchangers, pumps, fans, oscilloscopes and various measurement devices.

As you can see, I have been involved in work that has given me experience in design, quality assurance, and project management. I also possess high levels of analytical, problem solving, and mathematical skills that I know could greatly contribute to your company.

Thank you for taking the time to read my application and for your consideration. I am looking forward to hearing from you.

Sincerely,

Malik Crutchfield