

TRISTAN STOTESBERY

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tristanstotesbery.github.io

SUMMARY OF QUALIFICATIONS

- C, C#, Java, Python, Matlab, Verilog coding, including debugging and testing
- Problem Solving Skills, including technical problems and customer problems
- Experience working with circuits and electrical systems, including soldering, raspberry pi, FPGAs, circuit design, building batteries, controlling motors.

OBJECTIVE

Complete the senior engineering project while working with a hardworking and dedicated team

PROJECT IDEAS

One of my project ideas is a custom motor controller for personal electric vehicles. Many PEVs (e.g. Ebikes, Escooters, electric longboards, etc), especially when custom built, have unreliable motor controllers that only give basic functionality. My project would involve building an electric vehicle with a custom motor controller that the user can specify functions, control the motor, and keep track of stats through an app, with the phone connected to the board through bluetooth.

EDUCATION

University of Utah, Salt Lake City, Utah 2015-Present
Computer Engineering In Progress (Expected Graduation Fall 2021)

WORK EXPERIENCE

Computer Technician

Independent Contract through HelloTech

2017 -Present

- Travel to customer homes, assisting with a broad range of technical and computer issues, including networking support, desktop and laptop support, and other miscellaneous support.
- Diagnose technical issues over the phone and through email in order to prepare for what to expect at the customer home.
- Provide a positive experience for the customer that includes being personable and helpful, able to explain the issues they are having and how they can prevent them in the future.
- Submitting reports in the HelloTech app explaining what the problems were and how I resolved them, in order for other technicians to know what to expect if they are called to help the same customer in the future.