

Student name: Richard Greatbatch

Academic level: PhD

Thesis/dissertation title: Augmented Reality Head-Up Displays' Ability to Increase Driver Situation Awareness During Takeover Scenarios in Driving Automation Systems

Impact Statement:

"This project gave me my first insight into graduate level research. I was familiar with research from different undergraduate experiences, but this project was the first project that I was able to have significant input on. I quickly learned the amount of effort and careful thought that was needed to create a successful project. The skills I learned from this project carried through to the rest of my graduate research experience and helped make me a stronger researcher."

Student name: Alexander Krasner

Academic level: Master

Thesis/dissertation title: N/A

Impact Statement:

"Working on the [this] project gave me valuable experiences that helped me progress into creating my own study for my thesis. I learned how to run participants in human-subjects user studies, as well as how to handle when sessions diverge from the intended plan. Building the XML system for encoding the experiment details into files for each participant was an important steppingstone towards creating my final thesis test-bed design, since I learned how important it was to link all of the stimuli to each participant in an organized, programmatic, manner. Finally, I learned how to integrate and analyze data from external analog sensors and controllers, which has become a critical piece in my software development toolkit."