Mechanical & Industrial Engineering
UNIVERSITY OF TORONTO

Thesis Projects (MIE498 H/Y) 2018–2019

Title/Topic: Civilian use of a novel augmented reality navigation display

Description:

Uncharted Software, a Toronto-based company, has developed and patented a novel augmented reality (AR) navigation display. The Cognitive Engineering Lab is investigating how this new AR navigation display compares with traditional navigation displays that fundamentally contain the same information. CEL is currently testing this navigation display for use by soldiers in the Canadian Armed Forces. However, results from this effort might not necessarily generalize to civilian users as soldiers receive intensive training in navigation and wayfinding. The goal of this undergraduate thesis would expand on this research and explore the benefits of the new AR navigation display among users from a civilian population.

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