Trevor Grant

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228 Feldspar Drive
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EDUCATION

Syracuse University, Syracuse, NY
Bachelor of Arts, Neuroscience and Philosophy, Dec. 2016 GPA: 3.3

COMPUTER SKILLS

Languages: Python3, Bash, MATLAB, LaTeX.
Web Development: HTML, CSS, JavaScript
Applications: Atom, Eclipse, Visual Studio, Git, MySQL

EXPERIENCE

Research Assistant / Lab Manager - MIND Lab Syracuse University
1/2016 - Currently Employed Syracuse, NY

During my time as a research assistant at the MIND lab I maintained, troubleshooted and tested sensors and computer equipment that was utilized for data collection. Further, I developed software to ensure data was adequately collected, analyzed and stored. I also automated a data cleaning system to create more efficient machine learning pipelines using Pythong and MATLAB.

As a lab manager I interviewed and managed the responsibilities of various undergraduate interns, and provided the relevant training and oversight necessary for undergraduate interns to fulfill their roles. I would also aid in the process of grant, scientific, and technical writing.

Research Technician - SCAN Lab University of Arizona
5/2017 11/2017 Tucson, AZ

At the SCAN lab I worked towards organizing the labs data pipeline, replacing the existing analysis techniques written in VBA with faster and less error prone methods using bash scripting, Python and R. I was also responsible for the recruitment of human participants who had recently experienced a traumatic brain injury, as well as the collection, administration, and recording of participant's physiological and psychometric data.

Research Assistant (Intern) CDS Lab Syracuse University
1/2016 - 12/2016 Syracuse, NY

As an undergraduate intern in the CDS lab I learned basic coding skills and helped a graduate student develop and deploy a series of web-based experiments using JSPsych. During my time there I received a grant from the university to continue research during the summer months.

PUBLICATIONS

"Identification of Potential Task Shedding Events Using Brain Activity Data.":
Bandara, D., L. Hirshfield, T. Grant and S. Velipisalar (2019). "Identification of Potential Task Shedding Events Using Brain Activity Data (submitted)." ACM Trans. Computer-Human Interacion.

"Trust in Native Advertising: The Neuroscience behind the processing of branded content.":
Egan, B., L. Hirshfield, M. Costa, N. Buntain and T. Grant (2018). "Trust in Native Advertising: The Neuroscience behind the processing of branded content." Journal of Digital and Social Media Marketing.

Workload-Driven Modulation of Mixed-Reality Robot-Human Communication. Modeling Cognitive Processes from Multimodal Data:
Hirshfield, L., T. Williams, N. Sommer, T. Grant and S. Velipisalar (2018). "Workload-Driven Modulation of Mixed-Reality Robot-Human Communication. Modeling Cognitive Processes from Multimodal Data (MCPMD) Workshop." International Conference on Multimodal Interaction, Boulder, CO ACM.