

In front of undergraduate EECS course:

Good afternoon students, I am Kevin Leach, a Research Fellow in the CSE department. I am conducting an MRI-based study of software engineering to understand how the human brain works during software development and maintenance. This study is among the first to investigate how the brain represents software development tasks.

The study will have participants complete coding and prose writing tasks in an MRI tube so we can assess how similar or different code writing is to prose writing.

I am looking for participants who are familiar with writing C or C++ code at the EECS 281 level and who are right-handed native English speakers. You must also be aged 18 to 65, not pregnant, and must not have any metal devices in or on your body, including pacemakers, braces, glasses, or shavings from work-related exposure. For example, you are not eligible if you have ever been a metalworker.

Please email me at kjleach@umich.edu and take a flyer if you are interested or have questions. Thank you.