

Call for Participants: fMRI Study Regarding Software Engineering Tasks

Study Investigators: Jamie Floyd, Tyler Santander, Wes Weimer (CS)

What will you do?

- help develop the first model relating brain activation to Software Engineering tasks
- undergo a scan of your brain
- perform various tasks related to Software Engineering

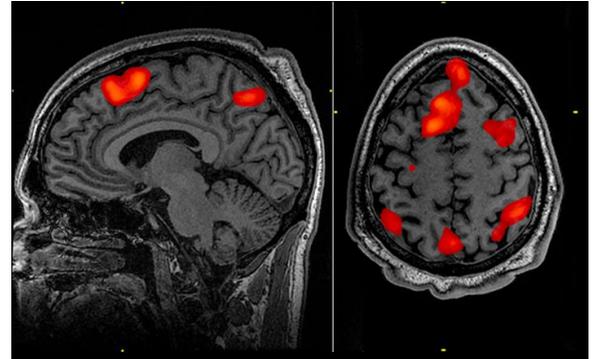
What will we learn?

- neural activation patterns for three tasks:
 - Code Review
 - Code Comprehension
 - Prose Review
- how to better train or manage these Software Engineering activities



What will you get?

- \$100 for about 90 minutes of your time
- a model of your brain as a series of hundreds of pictures
- the warm fuzzy feeling of pushing forth the boundaries of human knowledge



You should participate if:

- you are 18+ years old
- you can pass an MRI safety screening
 - most importantly, no metal allowed in the scanner, *including glasses* (contacts are OK)
- you are proficient in the English language
- you are right-handed
- you have basic knowledge of Software Engineering
- you can read and understand code written in C

This study is approved by the HSR-IRB via protocol #18171

Email Jamie Floyd (bef2cj@virginia.edu) by March 1 to participate.

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