

Subject: Undergraduate Research Study Participation Opportunity - Learning Cognition Team

Hello,

My name is Sara Lichtenstein. My research team and I are evaluating the mental workload that block-based programming environments have on students. I am seeking to conduct a usability study with students who are currently full-time students at the University of Florida and who are not computer science students.

The purpose of this study is to investigate novice programmers' mental effort while they interact and perform simple tasks using a block-based programming learning environment. Students' mental effort will be measured using non-invasive Brain Computer Interface. This research study will evaluate block-based programming environments and inform the CS education community of best practices and guidelines to improve the user experience of block-based programming environments based on students' mental effort. There will be a \$20 compensation for participants.

If you are interested in participating in this study, please fill out the doodle poll below.

Thank you for your consideration.

Please let me know if there are any questions.

Compensation: \$20 (cash)

Time: 90 - 120 minutes

Location: CSE - Room 502

Please sign-up here: <https://doodle.com/poll/tuw26tt4k64tk9d9>

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