

CONSENT TO PARTICIPATE IN EXPERIMENT

Title of the Study: Language Features and Program Complexity

You have been asked to participate in a research study conducted by Jiasi Shen from the Department of Electrical Engineering and Computer Science (EECS) at the Massachusetts Institute of Technology (M.I.T.). The purpose of the study is to investigate how the features of a programming language affect the difficulty of reading and writing programs. The results of this study will be published as a report. You were selected as a possible participant in this study because you are an experienced software developer. You should read the information below, and ask questions about anything you do not understand, before deciding whether or not to participate.

- This experiment is voluntary. You have the right not to answer any question, and to stop the experiment at any time or for any reason. We expect that the experiment will take 1-2 hours.
- You will be compensated \$5 for this experiment.
- Your name will remain confidential. Unless you give us permission to quote you in any publications that may result from this research, the information you tell us will be confidential.
- You will be asked to read and write programs inside a virtual environment. For analyzing purposes, we will record the *visual* information that this virtual environment displays as you perform the tasks. The information we learn from these recordings will be made anonymous in our reports.

This project will be completed by July 2016.

(Please check all that apply)

☐ I understand the procedures described above. My questions have been answered to my satisfaction, and I agree to participate in this study. I have been given a copy of this form.

I give permission for the following information to be included in publications resulting from this study:
my background information—

- ☐ programming languages and years of programming
- ☐ types of programs that I usually write
- ☐ educational background
- ☐ the programs that I write in the virtual environment
- ☐ the screen recording of the virtual environment
- ☐ direct quotes of the contents that I answer in a booklet for this study
- ☐ photos of the booklet that contains my handwritten answers

Signature of Subject _____ Date _____

Signature of Investigator _____ Date _____

Please contact Jiasi Shen (jiasi@csail.mit.edu) with any questions or concerns.

If you feel you have been treated unfairly, or you have questions regarding your rights as a research subject, you may contact the Chairman of the Committee on the Use of Humans as Experimental Subjects, M.I.T., Room E25-143b, 77 Massachusetts Ave, Cambridge, MA 02139, phone 1-617-253-6787.

Amendment Approved on 21-DEC-2015

EXEMPTION GRANTED ON 17-Aug-2015