

**University of Arizona  
Consent to Participate in Research**

**Study Title: Evaluation of Anteater, our visualization tool for program debugging and understanding.**

**Principal Investigator: Rebecca Faust**

**You are being asked to participate in a research study.** Your participation in this research study is voluntary and you do not have to participate. This page contains important information about this study and what to expect if you decide to participate. Please consider the information carefully. Feel free to ask questions before making your decision whether or not to participate.

**Purpose:** The purpose of this study is to evaluate the capabilities and limitations of our visual debugging tool, Anteater. Anteater was designed to aid everyday programmers in understanding and debugging their programs through the use of interactive visualizations. To evaluate Anteater, we are having participants with programming experience complete debugging tasks using Anteater and a standard debugging tool to gather their feedback on their experiences with the two tools.

Participants must be 18 years or older to participate and must have some programming experience.

**Procedure:** By consenting to participate in the study, you are consenting to complete the survey in full. The survey will require you to complete a debugging task with two tools: Anteater and a standard debugging tool. Along with completing the debugging tasks, you will be asked to complete a series of questions about your experiences with both tools.

**Compensation:** If you consent to participate, upon the completion of the survey, you will have the opportunity to provide your name and email to be entered into a drawing for a \$50 gift card to Amazon.

**Privacy and Confidentiality:** Your survey responses will be coded to maintain anonymity. Dr. Carlos Scheidegger, the PI's research advisor, will hold the key linking names to responses and it will not be shared with any other members of the research team. They will be stored on an encrypted drive that will be maintained by Dr. Scheidegger.

The risk associated with this study is no greater than the risk of everyday computer use.

Identifiable personal information will not be reported with the results of the study.

The information that you provide in the study will be handled confidentially. However, there may be circumstances where this information must be released or shared as required by law.



The University of Arizona Institutional Review Board may review the research records for monitoring purposes.

You do not have to be in this study if you do not want to. If you agree to be in the study, but later change your mind, you may drop out at any time. There are no penalties or consequences of any kind if you decide that you do not want to participate.

**Contact:** For questions, concerns, or complaints about the study you may contact **Rebecca Faust** at **[rjfaust@email.arizona.edu](mailto:rjfaust@email.arizona.edu)**.

For questions about your rights as a participant in this study or to discuss other study-related concerns or complaints with someone who is not part of the research team, you may contact the Human Subjects Protection Program at 520-626-6721 or online at <http://rgw.arizona.edu/compliance/human-subjects-protection-program>.

By clicking “I agree” below you are indicating that you are at least 18 years old, have read this consent form and agree to participate in this research study. You are free to skip any question that you choose.

Please print a copy of this page for your records.

[I Agree]

[I Do Not Agree]