P.U.R.E. Research Plan Form

Mentee Information
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Date: 2/13/2017

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Date: 2/13/2017

Spring 2017 Research Plan

Write a brief outline of your research plan:

1. Improve Java static analysis tools used by the Parameterized Unit Testing project using IntelliJ. Currently, the tools are only able to collect a subset of the information we need from our Java subjects.
2. Add Java examples and data to the project’s paper, “A Characteristic Study of Parameterized Unit Tests in .NET Open Source Projects”. I will accomplish this by collecting additional Java subjects relevant to our project, running the analysis tools on the subjects and empirically investigate the subjects for interesting examples.
3. Edit the charts in the paper using TeXstudio and make them more credible and readable based on the new Java data and examples.

What do you hope to learn and achieve by the end of the semester?
I hope I will learn more about Java programming and be more experienced in using the language. I also hope that I will learn more about Parameterized Unit testing and be able to demonstrate its usefulness through data and scientific evidence. Lastly, I hope that I can be more familiar with programming tools like IntelliJ and be more proficient in using tools like TeXstudio to edit research papers.

Date: 2/14/2017

Mentee Signature: 

Date: Feb. 14th 2017

Mentor Signature: 

Date: 2/13/2017