**Overview**

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| **When** | May 2008 - May 2010 |
| **Technologies** | Javascript, XPCOM, XUL, XML |
| **Project Site** | [Net Trust](http://www.ljean.com/NetTrust/) |
| **Source** | [Google Code - Net Trust](http://code.google.com/p/nettrust/source/browse/) |
| **License** | Apache 2.0 |

**Description**

Net Trust is an open-source anti-phishing toolbar developed by a team at Indiana University. Net Trust serves as a reputation system for websites based on the user's social network's browsing histories. Through the toolbar the user can get an idea about whether or not a website is trustworthy based on how many times his or her friends visisted the website, along with other information from third-party sources such as McAfee SiteAdvisor.

During my undergraduate studies I was chosen by [Professor L. Jean Camp](http://www.ljean.com/), the director of the Security Informatics Program at Indiana University, to have the opportunity of contributing to this open source project as part of a funded research assistantship made possible by Google and the National Science Foundation. My main contribution was the design, maintenance, and development of an alternative interface called [Ambient Trust](http://localhost/zachzimm/projects/ambientTrust.php), which was the subject of a study and a published workshop paper.

Most of my contributions on this project consisted of:

* Designing and developing a hardware interface to the toolbar (see [Ambient Trust](http://localhost/zachzimm/projects/ambientTrust.php))
* Updating compatibility for new versions of Firefox
* Interfacing the toolbar with a third party reputation source