**WILL REDINGTON**

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Newtown, PA 18940  willred@protonmail.com

**EDUCATION**

**The Pennsylvania State University**, Abington, PA Graduated May 2015

**Major:** B.S., *Information Sciences and Technology (IST)*

**EXPERIENCE**

*Level One Inc.*

**Role:** Lead Software Developer ( *Current*)

* Design and development of an e-learning platform

*Propagate Inc.*

**Role:** Full Stack Developer (*December 2014 – May 2015*)

* Design, maintain, update, and upgrade existing Django web application with a chrome extension.
* Technologies used includes: Django, Python 2.7, PHP 5.6, Postgres SQL, Javascript, jQuery, HTML/CSS, Twitter Bootstrap, Heroku (for deployment), Selenium, and Git (version control).

**Supervisor:** Frank Freeman frank@propagatevocab.com

**RELEVANT PROJECTS**

*Senior Project (PHP 5.6, Front-end technologies, MySQL, Python, Selenium)*

**Role:** Backend and Frontend Developer

* Designed and developed a system capable of tracking timesheet entries in real time through a MySQL database. Front end design was done utilizing jQuery, AJAX, Javascript, HTML5, CSS3, Bootstrap, and D3. For testing the following technologies were used: Python 2.7 and Selenium.

*Independent Project (Java, HTML, Javascript, MySQL)*

**Role:** Lead Developer

* Designed and implemented a dynamic web application of a small business. The UI was handled by HTML5 and jQuery. The backend was handled by Java Servlets running on Glassfish 4.0. Queries were executed

and run over a MySQL database.

Anthropology *Research Data Exchange (PHP 5.6, Angular, Front-end technologies, MySQL, Python, Selenium)*

* Developed a custom application for Penn State researchers of an anthropology research project to exchange research data in real-time to other organizations using high-level encryption and security features.

**TECHNICAL SKILLS**

**Top Skills:** Python, Django, PHP, Javascript, Git

**Languages**: Python, Java, PHP, Javascript, C++

**Web Frameworks/Tools:** Django, Node, Express, Angular, D3, AJAX, jQuery, Chrome Extension

**Backend Tools:** Apache, MAMP, Heroku

**Development Tools**: Eclipse, Sublime, NetBeans, Visual Studio, PyCharm, Git

**Mobile:** Android SDK

**Database**: MySQL, MongoDB, Postgres

**Systems**: Windows, OS X, Ubuntu, ElementryOS

**Testing**: TDD, Selenium

**Website:** www.willredington.com

**Github:** [**https://github.com/jstsumguy**](https://github.com/jstsumguy)

**Bitbucket**: wcr5048