

# Taylor K. Spencer

---

924 Hillside Drive  
Copper Canyon, TX 75077  
Email: [taylorkspencer@gmail.com](mailto:taylorkspencer@gmail.com)  
ePortfolio: [taylorkspencer.github.io](http://taylorkspencer.github.io)  
LinkedIn: [linkedin.com/in/taylorkspencer](http://linkedin.com/in/taylorkspencer)

Phone: (682) 738-6598  
GitHub: [github.com/taylorkspencer](http://github.com/taylorkspencer)

<b>Objective</b>	I am a recent graduate from the University of North Texas seeking an internship or employment in the fields of information technology and computer programming.	
<b>Education</b>	<b>University of North Texas, Denton, TX</b>	2011 - 2015
	Bachelor of Arts Information Technology/Technical Writing 3.31 GPA/3.56 Major GPA	
	<b>North Lake College, Irving, TX</b>	2008 - 2011
	Associate in Science Foundation Courses	
<b>Certifications</b>	<b>Flower Mound High School, Flower Mound, TX</b>	2004 - 2008
	High School	
	<b>Sun Certified Associate for the Java Platform, Standard Edition</b>	August 24, 2007
<b>Programs Written</b>	<b>Networks</b>	January 29, 2015
	A Java program that maps the cellular and Wi-Fi networks around you (using OpenStreetMaps), and highlights the ones you are connected to.	
	<b>Photo Uploader</b>	November 28, 2012
	A PHP program that allows the user to upload a variable amount of photos to a server, all at once.	
	<b>Login Assistant</b>	December 5, 2011
	A Java program to automatically log an Android phone into a password-protected (not encrypted) Wi-Fi network.	
	<b>bjava-loader-gui</b>	December 12, 2010
	A C++ program that allows for Linux users to add, remove, and update programs on their BlackBerry device using a GUI. This program is a GUI for a command-line program (not written by me) called <code>bjava-loader</code> .	
	In addition to these, I have written countless other programs. Please look on my ePortfolio for a complete list.	

## Papers Written

### **The Advent of Bitcoin: Its Design, History, Spinoffs, and Threats** May 13, 2015

Bitcoin is a revolutionary invention, with a long, storied history full of interesting characters, growth and collapse, and conspiracies. In this paper, I discuss the invention of Bitcoin, its rise and challenges, and the spin-offs it spawned.

### **Proposal for New Undergraduate Computer Science Course in Python** March 2, 2015

The Python programming language is used by several major technology companies, and it is the most discussed programming language on the Internet. However, neither UNT nor any other university in Texas teaches Python. In this paper, I discuss the case for teaching Python, detail a possible Python course that could be taught at the University of North Texas in the future, and tell how UNT, by introducing a Python programming course, could improve the prospects of its graduates for jobs both inside and outside of Texas.

### **The Legalities and Ethics of Data Sharing vs Privacy** March 18, 2013

There have been lots of controversies involving privacy lately. In this paper, I look at and give a multi-faceted view of data privacy on the Internet. First, I examine the legal side of the issue. Then I try to present an idealistic view of how, in my opinion, things should be as it relates to privacy. Last, I reconcile this with the status quo, and see if there is anything we can do to improve our privacy.

### **How to Make Online Tests, Quizzes, and Learning Materials Accessible** November 27, 2011

Ensuring that the tests and quizzes you administer online are accessible is one of the most important, if not the most, important duty to your students as an instructor. In this paper, I detail what instructors at the University of North Texas need to do in order to ensure their tests are accessible for people with disabilities. Accompanying this paper is a memo that makes the case for this paper.

### **How Technical Writing Skills Matter to a Computer Programmer** September 6, 2011

Due to prominent leaders in the computer programming field being college dropouts, there has been a history of aspiring computer programmers blowing off their core courses to focus on their major-related courses, to the point where they drop out of college. However, I believe that these courses do not amount to a reason for dropping out. In this paper, I explain why a computer programmer needs technical writing and how they will use it at their job.

## Additional Skills

### Programming Languages Known:

- C
- Java
- C#
- x86 Assembly (DOS/Windows)
- C++
- HTML
- CSS
- JavaScript
- PHP
- Visual Basic

### Operating Systems Used:

- Ubuntu Linux (9.04 to 14.04)
- Windows (95 to 8)
- Android
- BlackBerry OS