

- Experience -

Education

Louisiana Tech University
B.S. Computer Science
Concentration in Cyber Security,
Cloud Computing & Big Data
GPA of 3.956

Accomplishments

Eagle Scout
Presidential Scholarship
LA Tech Honors Program
2nd Place FLL LA Overall 2008
3rd Place FLL LA Robot Design 2007

Programming

Java
PHP
JavaScript
TSQL / MySQL
C / C++
C#
Python

Technologies

Android
Joomla
jQuery
Arduino
Raspberry Pi
HTML5
RESTful API
Yii Framework
Microsoft .NET
XAML / WPF
TFS / Source Control
Git / GitHub / BitBucket
Microsoft SQL Server
XML / JSON
IBM SPSS Modeler

Leadership

Senior Patrol Leader of BSA Troop
Co-instructor of junior robotics class
Team Leader in CSC 442 class
President of Upsilon Pi Epsilon
Technical Lead Senior Capstone

Goals

Get 1,000 downloads on an app
Run my own business

Research Associate at Tech Pointe, Business Incubator

(December 2013 – May 2015)

I was one in a team of four undergraduate students tasked with implementing an authentication system for computers based on user-typed keystroke data for a research project. This project was funded by the US Defense Advanced Research Projects Agency (DARPA). This work has greatly enhanced my programming ability and effectiveness working as part of a team. I was the lead database designer for a rapid software testing environment.

Independent Android Developer

(June 2012 – Present)

After one year of working on a photo-editing app, I published Cygnus – Photo Editor and a free, limited version on Google Play. I created an app similar to Geo Caching called Geo Chest, which I published in January 2014. Since then, I have made multiple updates to both apps to improve the user experience. I have plans to update both apps to support Google's latest material design UI standard. These projects have greatly enhanced my knowledge of Java and Android, as well as general project management skills.

Joomla Website Administrator / Developer

(Spring 2011 – Fall 2013)

For three years, I volunteered as the website administrator for the homeschool organization of over 200 families of which I was once a member. This entailed maintaining online registration and updating the website. At one point, I facilitated the transfer of all of the data in the database for the website into a new database. I also helped create and design the original website for a local walk-in clinic . After a year, the clinic changed their company image, and I was called back to do a complete redesign of their site.

Member of the Boy Scouts of America

(Spring 2004 – Summer 2011)

During the 8 years I spent in Boy Scouts, I earned 51 merit badges, spent 153 nights camping, had 14 leadership positions for a total of 7 years, and had 53 services hours. I also participated in three of the BSA's high adventure bases: Philmont, Sea Base, and Northern Tier.

Intern at Resource Bank HR and Banking Technology Departments

(July 2012 – August 2012)

Worked full time in an office environment. Provided clerical services in the HR department for two weeks and then worked in the Banking Technology department digitally archiving physical documents into the bank's database.

Cashier at Raising Cane's

(June 2010 – August 2011)

As my first job, I learned dependability, customer service, and working long, fast-paced hours. During my employment, I received a favorable annual review and a raise.