Timothy Dillman

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Experience

Assistant Media Editor, WLM: Augusta, GA -- Oct 2008 - Dec 2010

Designed television program graphics and assisted the television department director on creating television programming for thirty-minute and sixty-minute slots. Provided some technical support regarding Microsoft Windows Server 2003 and for the Apple iMac video production computer.

IT Support, Coker College IT: Hartsville, SC -- Sept 2009 - May 2011

Provided technical support for both hardware and software on the computer library systems and students personal computers.

IT Support, Sonoco Products Inc: Hartsville, SC -- Sept 2009 - May 2011

Provided technical support for both hardware and software on new systems for the Sonoco local and world campuses. Provide technical support for in-house software and commercially purchased software such as Optivision, MP2, Crystal Reports, and Safari. I also provided in person and phone technical support for Sonoco employees.

IT Finance, Unilever: Englewood Cliffs, NJ -- May 2011 - Aug 2011

Provided automated application solutions with excel VBA and custom-made python based programs. Worked with and diagnosed scripting issues within SAP system. Worked with Remedy and heavily with HP Quality Center. Created a 3rd party application to interact with HP QC Open Test Architecture. Created a tool that allowed automated defect tracking using VB and OTA. Created text-processing software to work with SAP unformatted databases using the Python programming language.

IT Innovation, BMW Group: Greenville, SC — Jan 2012 - May 2013

Provided many use cases for cloud-based technologies that would greatly benefit the BMW Group. Created a cloud-based application using Google App Engine, Python and SQL Server. Created an iPhone application for use at a dealership. Created a Google App Engine backend for parsing location based data and storing user habits in NoSQL and SQL databases. Provided a streaming solution for use with product presentation software, which will be utilized in 2014. Worked on HTML5 applications which included creating a cross-platform Sencha 2.0 app. Created a Node.js server and small demonstration application. Worked with research PHD students to integrate visual inspection system in production line to detect defects on vehicles.

Clemson University REU Summer program Clemson, SC — June - July 2013

Assisted research professor in creating HADOOP python scripts to process data provided by BMW. Created python scripts to import data from data bases from BMW. Researched mathematical methods to process and detect patterns in data. Looked into finding fraud with BMW data.

Center For Digital Humanities University of South Carolina — July 2013 - May - 2014

Design and implement end-to-end products for humanities digital projects. Design database back-end systems for digital humanities projects. Currently developing a content management system using a non-relational database, developing an intelligent document search engine which uses triple-store to relate documents together, and developing an online TEI editor for document markup and discovery.

Geekin Ventures LLC, Charleston SC — January 2014 - Feb 2016

Designed and implemented backend system to support mobile application. Backend (servers) run on Amazon Web Services. System runs of Ruby on Rails and POSTGreSQL database. Focus on iOS devices for mobile application with a desktop counterpart. Developing analytic tools for user interaction with mobile application and providing a platform for users to analyze their own content and usage.

TaxSlayer LLC, Evans GA - Feb 2016 - Nov 2016

Maintained and upgraded TaxSlayer iOS mobile application. Created Apple Watch companion app for tax calculator to show user's "tax perks" profile. Created tax application where users upload images taken of their forms that connected them to nearby tax preparers. Enabled white labeling of "snap tax" for use by service bureaus. Worked on several server side systems such as the C# .NET tax calculation engine. Worked on modernizing the primary mobile tax preparation application from Objective-C to Swift. Created several in house cocoa pods that were heavily used for white labeling in house apps. Updated "tax caster" application to modern Swift 2.0.

Launchpeer LLC, Charleston SC (remote programmer) - Nov 2016 - January 2018

Work primarily with small / startup companies to take their ideas from storyboard to finished product. Have successfully released several iOS applications, notable mentions: HOBA and Redunnit. Most applications focus primarily around social media, realtime chatting, realtime location tracking and realtime multimedia sharing.

TaxSlayer LLC, Evans GA - Jan 2018 - 2019

Maintained and upgraded TaxSlayer mobile application. Maintained and upgraded Workful React Native application along with native iOS Workful Point of Sale application. Converted TaxesTogo native application to React Native cross platform solution. Maintained and upgraded LegalSpark Android application.

Proximity, Grand Junction CO - April 2018 - Present

Lead developer for Android and iOS Proximity Mobile access application. Maintain and implemented new features for application allowing users access to their digital keys and Nomad capabilities (ability to visit multiple shared co-working spaces). Worked with team and designers to create new UI/UX implementation and conform to branding guidelines for application features. Technologies used: Swift, Xcode, Kotlin and Android Studio.

Research

Coker College - Multi-core GPU Programming - Summer 2011

Conducted research into transferring FORTRAN scheduling optimization code on the Fermi CUDA platform. Research included, testing algorithms in MatLab for efficiency and also running benchmarks on CPU vs. GPU performance. Used GTX 480 Nvidia Graphics card for conducting research. The research concluded that when the CUDA platform had more maturity, the algorithms would be optimal for the Nvidia CUDA Platform.

Clemson University - IEEE Cluster 2013 - Aug 2013

Published paper and poster at IEEE Cluster conference. The paper introduced the issues around analyzing proprietary company data and reducing risk factors involved in the analysis of proprietary data sets. In order to reduce the risk factors involved with company and customer privacy, data abstraction methods combined with data analysis platforms, allowed the creation of a statistically accurate synthetic dataset. The research used Hadoop as the data analysis platform. Other tools, such as MongoDB, Cassandra, and HBase were used to analyze the best storage medium for the results.

Skills

I have outstanding computer diagnostic skills for both hardware and software issues. I have a working knowledge of common commercial software for large businesses and can provide technical support for each. I have worked with SAP systems and have a high level operational understanding of SAP. Worked with Remedy and HP Quality Center. Provided third party application solutions using VBA, Python, Objective-C and utilized the Google App Engine cloud service to provide a cross platform solution to mobile devices. Have a working knowledge of HTML5, CSS3, PHP, MySQL, C/C++, Python, Objective-C, Swift, and Java/Java EE. Amazon Web Services and server management software provided by Amazon.

Education

Midland Valley High School -- 2005 - 2009

Coker College -- 2009 - 2011

University of South Carolina -- 2011 - 2014

Georgia Regents University / Augusta State University — 2014 - 2014

Referrals

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2621 Washington Road
Augusta, GA 30904
Ray Jones – (706) 737 4530

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300 E College Ave.
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