

# Chris Carpenter

chris@uberchris.com

## Asynchrony

January 2015 - Present

Software Engineer

St. Louis, Missouri

- Developed web applications for the financial sector using Angular2 and Knockout
- Implemented test-driven development with NUnit, SpecFlow, and Cucumber
- Maintained REST APIs to track human interaction in the workplace using entity framework and Web API
- Created real-time web applications using SignalR
- Architected and built search engine with custom security using Elasticsearch
- Set up continuous integration platform using Jenkins, Git, and MSBuild
- Launched continuous deployment with Octopus and DbUp
- Mentored new employees to introduce them to the culture and philosophies of the company

## Boeing

May 2013 - January 2015

Programmer/Analyst

Bellevue, Washington

- Designed and built a web application to manage and track visitors to Boeing sites in Asia using model-first entity framework, MVC, and bootstrap with custom scaffolding
- Implemented contextual application search engine that can refine results to information relevant to a specific user
- Developed ajax control semaphore to balance asynchronicity of requests with browser limitations
- Reduced load times of data intensive applications by implementing parallelization
- Used Microsoft Test Manager to create and execute automated test plans for web applications

Supply Chain Systems Intern

St. Louis, Missouri

- Built Struts application to manage and report software change requests
- Implemented Highcharts-based real-time performance monitor for invoice processing
- Constructed runtime error analysis and alert system for voucher processor in PL/SQL
- Used ksh and regular expressions to retrieve, parse, and report data from application logs

## LSU Information Technology Services

September 2012 - December 2013

Programmer

Baton Rouge, Louisiana

- Upgraded LSU's GROK knowledgebase with interface components from jQuery UI
- Developed T-SQL stored procedures to validate and correct internal hyperlinks

## Aflac

May 2012 - August 2012

Business Intelligence Analytics Intern

Columbus, Georgia

- Constructed sales and human resource dashboards that report and visualize business intelligence to company executives with SAP Crystal Dashboard Design
- Cached KPI computations in SAP BusinessObjects universes for real-time reporting
- Aligned internal calendar tables with T-SQL to correct performance data

## LSU Computer Science Department

May 2011 - May 2012

Research Programmer

Baton Rouge, Louisiana

- Developed extensible server health monitoring framework to collect service uptime data for increased datacenter power efficiency and hardware reliability
- Used subversion to remotely collaborate with researchers and programmers

## **ADTRAN**

June 2008 - August 2010

Engineering Intern

Huntsville, Alabama

- Used Adobe Flex, Struts, and Hibernate to build parts inventory, alarm severity, and network discovery panels for the Advanced Operational Environment
- Built client updater for Total Access Element Management System using Java RMI
- Implemented ArcGIS geographical mapping for customer service visualization
- Setup and configured Sun Solaris and Linux Mint servers for testing

## **Louisiana State University**

August 2010 - December 2013

- Bachelor of Computer Science with a Software Engineering concentration
- 3.3 GPA