

## Experience

### Independent Health Association, Inc.

Application Developer, Feb 2016 - Present

Ported insurance benefits logic from middleware service to .NET application and developed an application to modify the default display.  
Added/re-wrote/fixed various pages around the site using Angular JS and Bootstrap.  
Developed first version of Independent Health's mobile application using Cordova.  
Assisted in development of Independent Health's Alexa application.  
Built proof of concept for natural language benefits search using LUIS (Language Understanding Intelligent Service).  
Added CSRF protection throughout site.  
Refactored the following processes in C#:  
    Login and Registration including optimizations by caching statistically likely outcomes  
    In-memory caching  
    Logging using Splunk

### Essendant Inc.

Application Developer II, Mar 2015 - Feb 2016

Developed Java web applications using Spring Framework, OpenJPA as the object relational mapper, and Maven for WAR/EAR builds.  
Developed business logic using Drools rules engine. Configured Bamboo for automated builds.

### Lehman College

Substitute Lecturer of Computer Science, Jan 2014 - Feb 2015

Databases (CIS 244): SQL in both MySQL and Microsoft Access. Normalized table structure and Distributed Database concepts.  
Intro. Programming with Python (CIS 166): Fundamental imperative programming concepts. Some introductory material in sorting algorithms.  
Android Development (CMP 464/788): Java development in Android. Layout designs and a heavy emphasis on execution threads.  
Web Development (CIS 228): HTML, CSS, and Javascript.

### Corespring Inc.

Web Developer, Feb 2012 - Dec 2013

AngularJS used as client side framework, along with JQuery, Underscore.js, and Twitter Bootstrap.  
Developed using Scala with Play! 2 as the base framework. Used MongoDB for database and Amazon S3 for image storage.  
PhantomJS used for testing Javascript and Gatling for load testing. Cucumber with Ruby on Rails for Behavior-Driven Development.

### NowNear

Lead Developer and Co-Founder, Jan 2011 - Jan 2012

Developed the NowNear Android application using a modified Smack library in Java to communicate through XMPP.  
Developed the NowNear server-side logic and protocol. Included the use of XMPP protocol and extending the Java-based server, Openfire.  
Designed and built database structure using MongoDB.

### BlueSwitch

Android Developer, Jun 2010 - Dec 2010

Developed multiple applications in Android which involved complex navigation, view layouts, and extensive Java development.  
Involved XML parsing for a custom RSS feed, and integration with Google Checkout API.

---

## Education

Lehman College, City University of New York

MS, Computer Science; May 2013

University at Buffalo, State University of New York

BS, Computer Engineering; May 2009

---

## Technical Skills

<b>Software:</b>	Visual Studio, IIS, NodeJS, Postman, SoapUI, IntelliJ, Drools, Jenkins, Heroku, Netty, Maven, Eclipse, Tomcat
<b>API's:</b>	Google Maps, S3, Facebook, JSP, J2SE, EJB, JDBC, GLUT, CUDA, CUFFT, Android
<b>Frameworks:</b>	.NET MVC/Core, Unity, Bootstrap, AngularJS, LUIS, Alexa, Cordova, JQuery, PhantomJS, Spring, Play2, Android
<b>Programming:</b>	C#, Javascript, Java, Python, Scala, MySQL, PHP, JSP, CUDA, Android. Non-executable: CSS, HTML, Regex
<b>Protocols:</b>	SOAP, OAuth 2.0, Mutual Authentication, RSA, TCP/IP, HTTP, TLS/SSL, XMPP, FTP
<b>Databases:</b>	SQL Server, Oracle, Microsoft Access, MySQL, MongoDB
<b>VCS:</b>	Git, TFVC, SVN