

# Christopher McLain

*Full Stack Developer*

## Work History

- ◆ 2015 – present **Cornell University**  
**Senior Security Engineer**  
Identification management and security expert focused on application development and system administration for a university with twenty-two thousand students and ten thousand employees.
- ◆ 2013 – 2015 **Envisage**  
**Java Developer**  
Worked on the Web Services and Solutions Team in agile framework. S.T.A.R (Special Thanks and Recognition) award nominee in August 2014 and November 2014. Personally highlighted in January 2014 in the “Extraordinary People” section of the Envisage company newsletter.
- ◆ 2011 – 2013 **IBM**  
**J2EE Software Developer**  
Member of IBM's Global Business Team. In charge of writing, developing, and reworking a major energy client's Java and Oracle based account management software.
- ◆ 2007 – 2011 **Tyrrell Software**  
**Software Developer**  
Tyrrell Software designs and builds database solutions for businesses using Microsoft Access and MySQL backends in combination with custom designed user interfaces.
- ◆ 2007 - 2012 **Private Math Tutor**  
*Tutored one to three high school students a semester*
- ◆ 2004 - 2006 **The Sports Bar**  
**General Manager**
- ◆ 2002 - 2003 **Binghamton University**  
**Teaching Assistant**
- ◆ 2000 - 2002 **Arlington Public School District**  
**Long Term Substitute Math Teacher**
- ◆ 1997 - 2000 **T.E. Systems, Inc.**  
**Research Associate**

## Contact

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## Skills

### Computer Languages

Java, Python, php, C++, JavaScript, AJAX, jQuery, HTML, CSS, C#, Swift

### Databases

MySQL, MS SQL, Access, Google App Engine, Oracle

### Applications Types Built

Android, iOS, macOS, Web, Windows

## Education

**Cornell University**, Ithaca, NY

B.S., Concentrations in statistics and economics

**Binghamton University**, Binghamton, NY

Mathematical Studies, All but Master's Thesis

## Personal Projects

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### ◆ 2013 – present *Humans Are Human*

#### **Owner/Software Developer**

Developed web applications hosted under the umbrella site [www.HumansAreHuman.com](http://www.HumansAreHuman.com) that focus on automation. Applications include, [www.WebsiteSupervisor.com](http://www.WebsiteSupervisor.com), that constantly verifies websites' uptime and functionality, [www.Point2.Me](http://www.Point2.Me), that shows friends locations based on WiFi connectivity, and [www.Blue2Factor.com](http://www.Blue2Factor.com), a two-factor authentication service.

### ◆ 2012 – 2014 *SpotLoss*

#### **Owner/Software Developer**

Designed proximity hardware and software, and apps for Android and iOS. SpotLoss allows users to press a button on the SpotLoss fob to find the phone, or a button on the phone to find the fob. Performed everything from key fob design to graphics to databases architecture. SpotLoss was profiled on Boing Boing and a featured crowdfunding project on IndieGoGo. The SpotLoss hardware was coded in C++. The Android and iOS apps are written in Java and Objective C, respectively.

### ◆ 2012 – 2014 *OlderSibling*

#### **Owner/Software Developer**

Designed and developed a geolocation website, databases, and software. Built, launched and managed the website and its accompanying software in Java and Python with a GAE backend.

OlderSibling was featured on [KillerStartups.com](http://KillerStartups.com), [MakeUseOf.com](http://MakeUseOf.com), and many other online resources.

References available upon request