

Ross Nelson

Software Engineer

code

GitHub: rnelson
Bitbucket: rossnelson

languages

Python, Ruby, C#,
Java, Objective-C,
VB.NET, PHP

operating systems

OS X, FreeBSD, Linux,
Windows, iOS

version control

Git, Subversion, TFS

frameworks

Flask, Sinatra, jQuery,
Bootstrap

organizations

Open Nebraska, ACM,
ACM-W

objective

To obtain a software development job utilizing my many years of experience programming in a variety of languages on multiple platforms.

education

- 2007–2010 Work toward Master of Computer Science University of Nebraska–Lincoln
- 2003–2007 **Bachelor** of Computer Science South Dakota State University
Minors in Mathematics, Spanish

experience

- 2012–present **West Corporation** Omaha, Nebraska
Software Analyst
Design, build, and support inbound and outbound voice and SMS systems using a variety of technologies, including Java, PHP, and VXML.
- 2012–2015 **HobbyTown USA** Lincoln, Nebraska
Software Engineer
Maintained VB6 point of sale (POS) software, assisted in design and implementation of a POS rewrite, and maintained a variety of internal programs, scripts, and databases.
- 2009–2015 **Blue Worm Labs**
Co-founder
Developed an iOS game, created open source PHP scripts, and built, maintained, and hosted client websites.
- 2011–2012 **University of Nebraska-Lincoln Libraries** Lincoln, Nebraska
Software Developer
Wrote a Java web application to facilitate the storage of large pieces of data, maintained various PHP web applications, and wrote a kiosk web browser (C# wrapper around Internet Explorer) for use on reference computers.
- 2007–2010 **University of Nebraska-Lincoln** Lincoln, Nebraska
Graduate Teaching Assistant
Taught the *Basics of Computer Science* and *Fortran Programming* labs over many semesters, and co-taught the *Basics of Computer Science* class one semester.
- 2008–2008 **Blend Interactive** Sioux Falls, South Dakota
Software Developer
Developed a web application using the Jetfuel MVC framework in PHP.
- 2006–2007 **Daktronics** Brookings, South Dakota
Student Software Developer
Developed and maintained C++ and C# software in the *Transportation Product Engineering* group.