Justin T. Conroy

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EDUCATION

Bachelor of Science, Computer Engineering
University of Illinois, Urbana, IL
graduated December 2010

COMPUTER SKILLS

Languages & Software: C#, SQL Server, Entity Framework, LINQ, ASP.NET, C/C++, git, SVN, Python, LaTeX, Visual Studio, GCC
Operating Systems: Windows, Linux, OSX

WORK HISTORY

Application Developer   September 2013-Present
Valence Health   Chicago, IL

At Valence I mostly do backend development ETL (Extract, Transform, Load) tasks. The company deals in healthcare insurance and I am generally responsible for a lot of data coming in and going out to vendors in a multitude of different formats. I use C# and Entity Framework to marshall data between files, web services, and databases. Recently I've also been working on some front end development in ASP.NET to create tools for operations support staff to work more efficiently. In this line of work, I deal with a lot of Patient Health Information and take privacy of that information very seriously.

Software Engineer   September 2011-August 2013
Elettric80, Inc.   Chicago, IL

At Elettric80, I developed software for controlling laser guided vehicle systems, conveyor systems, and other automation machinery. I also developed, installed, and maintained warehouse management systems which integrated with the robotic platforms Elettric80 develops. The software I developed was written in C# and SQL Server and communicated with robots, PLC systems, and customer ERP systems. I worked directly with high profile customers to ensure the quality of the product we delivered and to implement custom features for every installation.

Engineering Intern   June-September 2011
Marki Microwave   Morgan Hill, CA

I designed and implemented embedded software for a new product that Marki Microwave released. The product was a piece of lab test equipment which interfaced wirelessly with software on a PC to provide test data to users. I wrote an interface to LabView as well and provided a full API for interacting with the device to allow users to write their own programs for the device.