David A Timm

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Technical Skills

- Learning new things quickly (I just finished a 12-month Udacity degree in 2 months!)
- C++, C♯.NET, MFC, Python, Java, GNU tools, MS Access and MySQL
- General problem isolation and troubleshooting (I'm awesome at this)

Experience

Machine Learning Nanodegree: 05/16–08/16 Udacity

I wanted to stretch my wings a little, so I decided to take some courses on Udacity. I dipped my feet into the data science coursework and decided to go for broke in machine learning. Numpy, scikit-learn, and TensorFlow were all covered in varying depths. The course provided a broad overview of machine learning techniques, and the final project gave me an excellent opportunity to dive into deep learning (har har har...).

Development Lead: 01/15–Present M.E.P.CAD Inc.

Pipes. All of the pipes. I write pipe-specific software for all of the world's piping needs. M.E.P.CAD has several products for design and testing of fire sprinkler and alarm systems, and I have worked on all of them. Currently, I'm the development lead on a project to bring the fire sprinkler world into Autodesk's Revit. I lead a team of four in product design and execution with input from fire protection engineers at our headquarters in Nevada.

Technician: 05/11–01/15 Denver Public Schools

I roamed from town to town, helping those in need... I supported schools in the deployment, use, and repair of any technology a student may lay their hands on. Smart boards, computers of all stripes, clickers, nComputing, printers, and even a few electric pencil sharpeners. I started in the internal IT "hotline," but ended as a roaming site-support technician.

Student: 02/10–04/11 Colorado School of Trades

Gunsmithing? Really!? I spent fourteen months completing a program that encompassed troubleshooting, repairing, and building (from blueprints or to purpose) parts for firearms. It has helped my ability to visualize problems and directly taught me a lot of very interesting skills. There were many resources available to students to complete their work, and as a student, I was expected to take advantage of them. The curriculum takes students through basic fabrication, machining, woodworking, and design/function courses, covering special tools and techniques as they apply to the trade. I completed the program with a 3.3 GPA.