David A Timm

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Technical Skills

- Learning new things quickly (I learned LaTeX just for this!)

- C++, C♯.NET, MFC, Python, Java, GNU tools, MS Access and MySQL

- General problem isolation and troubleshooting (I'm awesome at this)

Experience

Lead Developer, AutoSPRINK for Revit: 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. Really, there are a few projects that I work on, but C++ MFC stuff to route, alter, do complicated analysis of, and generally deal with pipes is our bread and butter. In six months, I have mostly done two things: A) refactored a clunky C♯.NET plugin for AutoDesk Revit, increasing speed by a factor of ten and B) shipped.

Site Visit Tech: 05/13–01/15 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.

Hotline Tech II: 05/11–05/13 Denver Public Schools

I was first/second line tech support for staff of Denver Public Schools. Financial and HR software, wireless connections, Mac, PC, all that fun stuff. My record for tickets processed in a day still stands at 232.

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.