

David A Timm

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Technical Skills

- C#.NET, C++, MFC, Crystal Reports, and Visual Studio
- Agile and git
- Python, Pandas, NumPy, and Tensorflow
- UNIX/Linux development tools

Experience

Contractor: 2017 @ Udacity Blitz

- Product design consulting for a chatbot
- Use Python/Tensorflow to create NLP models
- Deploy models via Google Cloud

Development Lead: 2015–Present @ M.E.P.CAD Inc.

- Created, developed, and launched a hydraulic flow analysis package for Revit
- Extensive C++ MFC and C#.NET WPF development
- Led adoption of Agile methods and conversion to git
- Refactored a 50 kloc C++ codebase into C#.NET

Technician: 2011–2015 @ Denver Public Schools

- Support educational technology initiatives throughout the district
- Hardware and software support for teachers and district staff
- Warranty service for Promethean smart boards

Education

Udacity: 2016 Machine Learning Nanodegree

- Coursework in Python, Pandas, NumPy, and scikit-learn
- Project-based learning with a final capstone
- Implemented Normalized Advantage Functions in Tensorflow from arXiv:1603.00748
- Completed 12-month curriculum in two months.

Colorado School of Trades: 2010–2011 A.S. Gunsmithing

- TIG and OA welding
- Mill and lathe operation (set your feeds and speeds!)
- Woodworking and finishing