David A Timm

E: timmmeister@gmail.com T: (303) 652-7177

Technical Skills

- $C^\sharp$.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

- Use Python/Tensorflow to create NLP models

- Deploy models via Google Cloud

- Developed a MongoDB, Node.js REST API

- Remote coordination with an international team

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

- Created, developed, and launched a hydraulic flow analysis package for Revit

- Extensive C++ MFC and $C^\sharp$.NET WPF development

- Led adoption of Agile methods and conversion to git

- Refactored a 50 kloc C++ codebase into $C^\sharp$.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