Data Analyst Data Analyst Onalaska, WI Work Experience Data Analyst Sunshine Heart, Inc - Eden Prairie, MN November 2014 to Present Use Python to compile and organize patient and medical device data to create detailed performance reports Meteorologist & Python Developer National Weather Service - La Crosse, WI June 2014 to Present Write operational Python scripts for data QC, automated high end graphics and data mining   Work in coordination with a 6 person team to provide innovative solutions for communicating forecasts, which leads to more informed decisions by our partners   Use GIS software and Python to compile, map, manipulate and analyze data for internal application Research Assistant & Data Analyst University of Wisconsin - Madison, WI January 2011 to May 2014 Used Python and GIS software to process 50 years of tornado data and developed an objective ranking algorithm to assess the largest tornado outbreaks in the United States Meteorology Consultant Fox Valley Technical College - Appleton, WI September 2013 to November 2013 Provided expert mesoscale meteorological analysis using GR2Analyst (GIS software), literature review and write-up of a nocturnal tornado outbreak across Wisconsin Education M.S. in Atmospheric and Oceanic Sciences UW-Madison 2011 to 2014 B.S. in Atmospheric and Oceanic Sciences UW-Madison January 2008 to May 2011 Skills   Python, Javascript, mySQL, Google Charts API, Linux, C Shell Scripting, Microsoft Suite(Word, Excel, PowerPoint, Outlook), HTML, CSS, Adobe Illustrator, ArcMap, GR2Analyst, Matlab, Action Script 3

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