Aaron Wenger

Ph.D Candidate

Kalamazoo, Michigan

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Detail-oriented and proactive job candidate with: 1) extensive experience collecting, processing, and analyzing numeric and textual data; 2) strong problem-solving and research skills; and 3) developed time and project managment skills. Seeking temporary or short-term work while closing out degree work.

Education and Experience (by date)

Western Michigan University
Kalamazoo, Michigan

Ph.D. Candidate in Science Education
2017-present

- Designed and implemented data collection and processing procedures in two major projects
- Implemented safe data handling and data management practices
- Extensive experience with scripted software tools and Microsoft Office
- Independently set timelines, managed project activities, and initiated collaborations
- Independently learned R (a programming language for statistics and data analysis)
- Currently finishing degree work

Graduate Research Assistant in Science And Mathematics Program Improvement (SAMPI)
2021-2023

- Corresponded with clients, both initial and followup contacts
- Coordinated project work via email and virtual meetings with several team members
- Collected, processed, and archived interview transcripts, survey data, and teacher observations
- Wrote internal and external reports summarizing findings
- Recorded time on task for billing, participated in internal collaborations

M.A. in Biological Sciences
2017-2021

- Collected, processed, and archived measurements and photos
- Kept records of project work and data collection activities

Cornerstone University
Grand Rapids, Michigan

B.S. in Biology-Health Sciences
2011-2015

- Transferred over 200 pages of handwritten fieldnotes into excel spreadsheets in internship work
- Catalogued chemical supplies in laboratory assistantship

Competencies

General Skills

Writing and Communication: extensive experience writing technical documents, protocols, reports, and email memos for internal and external use

Research and Problem-Solving: substantial experience finding and implementing solutions to technical problems

Project and Time Management: substantial experience planning and organizing long- and short-term project work, and managing/recording time-on-task

Collaboration and Teamwork: substantial experience coordinating project work with colleagues

General Software Tools

Microsoft Office Suite: extensive experience with Word, PowerPoint, Excel, Outlook, and Teams

WebEx and Zoom: extensive experience collaborating with colleagues via these platforms

Google Forms: substantial experience in creating survey forms for data colleciton and processing results

Advanced Software Tools for Data Handling and Analysis

R: substantial programming experience with R for data handling, processing, and analysis'

Git and GitHub: substantial experience creating and mangaging projects using Git version control and the GitHub collaboration platform

Analysis Pipeline Tools: substantial experience implementing data analysis pipelines, automating the processing of raw, messy data to clean, useful data

Excel VBA: minor programming experience creating macros to process messy data from Google Forms