

# SONA MAYERT

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## EXPERIENCE

**Harber Inc** 06/2020 – present

Detroit, MI Director of Data Science

- Experience with formal research processes and being a part of a research-oriented group
- Superior knowledge of statistical and analytical methodology and tools
- A background in big data ecosystems
- Knowledge of AWS Data Lake services, neural networks, and experimentation methodologies
- Demonstrated experience conceiving, building and leading successful analytics programs utilizing key technologies (e.g., ML/AI) within healthcare organizations
- Results-oriented leader with a proven track record of leading a data transformation initiative
- AB testing and experimental design processes
- Advanced knowledge and experience with best in class data strategy design

**Hodkiewicz-Witting** 09/2017 – 04/2020

Detroit, MI Data Science

- Determine perceived and commercial value, cost of development resources (duration, tools) and prioritise effectively
- Support rapid prototyping of tools to demonstrate value
- Scikit-learn, pandas, psycopg2, pytorch, tensorflow
- Dask, joblib, Apache Airflow
- Docker images, kubernetes
- PyCharm, Visual Studio Code
- Logging, pytest
- Hands-on data science manager who can lead and conduct deep-dive analyses to identify the needs and priorities of the business

## EDUCATION

**Kent State University**

Bachelor's in Computer Science

## SKILLS

- Solid coding skills and proficient with at least one programming language (C++, Java, Python, Scala etc.)
- Proficiency and experience with several modeling techniques such as generalized linear models, decision trees, ensemble learning, regularized models (ridge/lasso/nets), clustering or neural networks
- Fast learner who is data-driven and outcome-focused
- Coding skills (preferably Python/Pyspark)
- Big data frameworks and pipelines
- Interactive data visualization
- Data and signal processing (eg, time series modeling)
- Background in networking / wireless communication / network protocols / WiFi
- Comfortable with setting up experimental test beds
- Familiarity with Digital Signal Processing