HANIAH KRING

🎓 EDUCATION

Dec 2023 | Aug 2020

B.S., Computer Science
Hope College
📍 Holland, MI

- Coursework: Google Data Analytics, Database Systems, R for Biological Sciences, Parallel Programming, Applied Statistical Models, Statistics for Data Science

💼 INDUSTRY EXPERIENCE

Present | May 2023

Data Analyst Intern
GreenStone Farm Credit Services
📍 East Lansing, MI

- Converted the Current Expected Credit Loss model from Excel to R, reducing processing time by 90%.
- Developed an automated report for GreenStone's portfolio stress test, drastically reducing the creation time of their PowerPoint from hours to mere minutes.
- Forecasted market segment growth rates to help maintain a well-balanced portfolio using the LSTM model in Python.
- Authored tableclothr, an R package that creates a common interface for gt and DT and provides helper functions for powerful, flexible tables.

Present | Aug 2022

Consultant Lead
Center for Leadership at Hope College
📍 Holland, MI

- Advised Stryker Instruments on entering an emerging medical device industry with market analytics (NDA).
- Designed a 25 page requirements document for a new mobile app that assists mentors at Kids Hope USA with their mentoring sessions.

💻 RESEARCH EXPERIENCE

July 2022 | Jan 2022

Patient-Handling Tasks and Posture Classification
Undergraduate Researcher
📍 Hope College

- Applied multivariate time series models in Python to predict posture quality in nurses with 98.1% accuracy.
- Presented findings at 3 regional undergraduate research conferences (WMRUGS, MSGC, and CURCA).

May 2021 | Aug 2020

Macatawa Watershed Analysis

- Collected bacterial samples of Lake Macatawa at 12 different sites and sequenced DNA for analysis.
- Leveraged the tidyverse to clean, analyze, and model ecological datasets.
- Employed statistical methods such as ANOVA, PERMANOVA, unconstrained ordinations, and heatmaps.

🖥️ TEACHING EXPERIENCE

Present | Aug 2021

Teaching Assistant
R for Biological Sciences
📍 Hope College

- Served as TA helping facilitate class discussions, debug student code, and grade all R assignments.

CONTACT

- ✉️ hrishonkring@gmail.com
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LANGUAGES

R	
Python	
SQL	

TECHNOLOGIES

Git	
Excel	
Power BI	