

# Tumelo Rabale

2115 College Street, Cedar Falls, IA | P: +1 319 419 8461 | tumelorabale@outlook.com

## EDUCATION

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### WARTBURG COLLEGE

Bachelor of Arts

Major in Computer Information Systems; Major in Economics

Cumulative GPA: 3.12/4.0; Dean's List 2019-2020

Relevant Coursework: Business Finance, Data Mining; Information Resource Management; Object Oriented Programming; Algorithms; Econometrics, Modelling & forecasting

Waverly, IA

May 2023

## SKILLS

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**Technical Skills:** Python, Excel, SQL; Data Analytics, Pandas, Stata, Weka, HTML, CSS, Javascript, Research

**Other skills:** Time management, teamwork, communication, problem-solving

## WORK EXPERIENCE

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### WARTBURG COLLEGE

ELITE Technology Assistant

WAVERLY, IA

Aug 2022 – May 2023

- Managed resource checkouts through a streamlined circulation process, ensuring efficient utilization of library materials and a seamless patron experience.
- Provided 3D model printing services, demonstrating attention to detail to fulfill diverse printing requirements.
- Successfully resolved technical issues related to library computers, including troubleshooting, software installation, and updates, ensuring uninterrupted access to digital resources.
- Delivered customer support, effectively assisting patrons with technology-related concerns, and resolving issues to enhance their overall library experience.

### GROMA GEOMATICS

Surveyor Assistant

Qacha, LS

Dec 2018 – July 2019

- Conducted comprehensive topographical surveys to facilitate road construction projects, ensuring accurate data collection for quality assurance purposes.
- Demonstrated expertise in equipment maintenance and setup, including handling of total stations, to support precise survey measurements and data acquisition.
- Transferred topographical data points into software modeling tools to develop road construction plans and optimize project execution.

## INDEPENDENT & CLASS PROJECTS

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### PANDAS SALES ANALYSIS PROJECT, data analytics

Dec 2022

- Conducted in-depth sales data analytics using the powerful Pandas library in Python.
- Utilized a combination of data visualization tools such as Matplotlib, seaborn, and Plotly to create visually compelling representations of the analyzed data.

### MICROSOFT EXCEL DASHBOARD,

Feb 2023

- Demonstrated proficiency in data cleaning and preprocessing using Power Query, ensuring accurate and reliable data for analysis. Utilized dynamic pivot tables to perform data analysis, generating actionable insights for business improvement,
- and employed a variety of relevant charts and visualizations to effectively communicate complex data findings and facilitate data-driven decision-making processes.

### DATABASE MANAGEMENT PROJECT, class project

Sep 2022

- Developed skills in constructing intricate SQL queries on SQLite databases, showcasing proficiency in SQL language and effective data manipulation skills.
- Demonstrated proficiency in data normalization and created ER diagrams to streamline data organization and enhance database performance.

## ACTIVITIES

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### COMPUTER SCIENCE CLUB

Treasurer

Waverly, IA

Sep 2022 – Jan 2023

### NATIONAL SOCIETY OF LEADERSHIP AND SUCCESS

Member

Waverly, IA

Aug 2022 – Present