

# Tumelo Rabale

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| 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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### PORTFOLIO WEBSITE,

Dec 2022

- Build the react js portfolio website where I provide information about me and personal project.
- Utilized reusable react components to improve performance and produce clean readable code. Also learned how to deploy projects online using Firebase hosting, and using Git-hub for version control and automatic deployments  
link- <https://my-website-70f58.web.app/home>

### IMDB MOVIE SEARCH WEBSITE ,

Feb 2023

- Developed and launched a dynamic movie search website utilizing IMDb API to facilitate real-time API requests and display comprehensive movie information
- Acquired proficiency in API integration, web development, and data presentation delivering a seamless user experience.

### 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