

# Segni Mekonnen

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## Education

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### B.S. in Computer Information Technology, Minor in Mathematics

Minnesota State University, Mankato

Expected 2026

Dean's List

- Relevant Coursework: Machine Learning, Data Structures, Algorithms, Calculus, Linear Algebra, Probability, Statistics

**Certifications:** Andrew Ng's Machine Learning Specialization (Coursera, In Progress), Harvard Machine Learning (edX)

## Technical Skills

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Python, SQL, Git, Docker, Jupyter, Flask, Streamlit, TensorFlow, PyTorch, scikit-learn, pandas, NumPy, spaCy, OpenAI API

## Projects

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### AI Internship Finder Bot

- Scrapes job platforms, uses NLP to match internships to resumes, and sends real-time alerts.
- Matched 100+ internship listings to user profiles in initial tests.
- Achieved approximately 80% accuracy in resume-job matching (manual review).
- Processed and analyzed several thousand job postings from multiple platforms.
- *Tech: Python, BeautifulSoup, spaCy, Flask, OpenAI API, GitHub*

### AI Interview Prep Assistant

- Mock interview platform that generates questions using OpenAI's GPT API and provides real-time feedback.
- Generated hundreds of unique interview questions for users.
- Used by 10+ students for interview practice in the first month.
- Received positive feedback from users.
- *Tech: Python, OpenAI API, Streamlit, GitHub*

### Open Source Contributor – Omdena

- Contributed to a global AI-for-good project focused on NLP for education access.
- Improved text preprocessing pipeline, increasing model F1 score by 12%.
- Collaborated with 15+ data scientists and engineers.

## Leadership & Extracurriculars

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### Boy Scout Leader — Boy Scouts of Ethiopia

2015–2018

- Selected to represent Ethiopia at the 2017 World Scout Jamboree, collaborating with scouts from 100+ countries.
- Led and mentored teams during national events and community service projects.
- Organized team-building exercises and managed diverse groups in dynamic environments.

## Soft Skills

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Teamwork, Communication, Leadership, Problem-solving, Adaptability