

# Ahmed Sahardid

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## EDUCATION

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### University of Minnesota Twin Cities

Minneapolis, MN

*Bachelor of Science in IT Infrastructure, Minor in Computer Science*

*Expected May 2026*

Relevant Coursework: Advanced Data Structures & Algorithms, Web Development, Introduction to Data Structures & Algorithms, Object Oriented Programming, Introduction to Databases, Cybersecurity 1 & 2

## TECHNICAL SKILLS

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Programming Languages: Python, SQL, Node.js; Intermediate – Java, C++

Frameworks/Technologies: React, Git, Gitlab, Azure; Familiar – Ansible, MongoDB, Power BI

## EXPERIENCE

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### Headstarter AI

San Francisco, CA

*Software Engineer Fellow*

*July 2024 – Present*

- Built and deployed 5 AI projects within 5 weeks, reaching 1,000 users in the last 2 weeks.
- Applied machine learning algorithms to analyze datasets, develop predictive models, and identify trends.
- Participated in hackathons and collaborative data-driven problem-solving sessions.

### Expedition EY

*Business Intern*

*January 2024 – April 2024*

- Utilized SQL for data extraction, transformation, and analysis within the virtual program.
- Enhanced data presentation skills through the creation of reports and dashboards.
- Applied machine learning algorithms to analyze and predict trends based on provided datasets.
- Participated in data-driven problem-solving sessions and team-based projects.

### Hennepin County

Minneapolis, MN

*Data Analyst Intern*

*September 2022 – August 2023*

- Performed SQL for analytical purposes, creating queries to extract and load data from databases such as Snowflake for analysis and review.
- Utilized Excel and Tableau to analyze and visualize data, supporting data-driven decision-making processes.
- Generated over 30 queries during multiple sprints, supporting product ownership and facilitating data management initiatives across various data divisions.
- Created Python scripts to extract data from databases, APIs, and flat files, efficiently fetching and collecting raw data to ensure a smooth data ingestion process.

## PROJECTS

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### Guess The Flag App (VueJs, API's)

- Developed an interactive educational game using Vue.js.
- Designed a responsive user interface for an engaging user experience.
- Integrated with a RESTful API to fetch flag data dynamically.
- Implemented a quiz format to test and improve users' knowledge of world flags.
- Tracked user progress and scores through API integration.

### Data Analyst Project)

- Analyzed sales data using Python and SQL to identify trends and insights, increasing revenue by 15
- Utilized data visualization tools like Tableau and Power BI to create interactive dashboards for stakeholders.
- Performed statistical analysis to identify key factors influencing sales performance.
- Developed predictive models to forecast future sales and inform strategic planning.

### Chess Game

- Developed a chess game in Java focusing on mechanics, rules, and user interaction.
- Created classes for chess pieces with movement rules and validation.
- Built a text-based interface for gameplay and move management
- Implemented game features like check/checkmate detection and move validation.