

# Jacob Nauman

Minneapolis, MN 55414 • (952)-217-3863 • jacobtnauman@gmail.com • github.com/JakeNauman

## EDUCATION

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**University of Minnesota, College of Science and Engineering**

Minneapolis, MN

*Bachelor of Science - Computer Science*

*Expected May 2025*

**Minnetonka High School**

Minnetonka, MN

*High School Diploma*

- Summa Cum Laude, AP Scholar with Distinction

*June 2022*

## SKILLS

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### Programming Languages

- Java, Python, C, C#, HTML/CSS, Javascript, OCaml

### Technologies

- VSCode, Git, Django, React, Unity, SSH, Linux

### Foreign Languages

- Fluent in Spanish

## PROJECTS

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### Planetalk (HackUIowa 2023)

- Website that uses AI to offer an experience tailored to the user's education level in learning about our solar system
- Built using React and Django and powered with OpenAI GPT 3.5

### Community Garden (MinneHack 2023)

- Web application that checks off tasks and grows a virtual garden linked to the user's account
- Encourages civil participation by rewarding good actions in the community
- Developed skills in user registration and data storage using Django

### Twitter Sentiment Analysis (2022)

- Algorithm that utilizes sentiment analysis to analyze recent tweets
- Model uses NLP to learn from a wide range of sample data to determine positive vs negative words
- Trained model uses Twitter API to extract and analyze the 100 most recent tweets

## PROFESSIONAL EXPERIENCE

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### UMN Department of Parking and Transportation

Minneapolis, MN

*Parking Attendant*

*January 2023—present*

- Monitor parking operations, interact with customers, and troubleshoot issues
- Assist customers with monetary transactions, inquiries, and terminal issues

### Glen Lake Golf & Practice Center

Minnetonka, MN

*Seasonal Maintenance Worker*

*April 2021—August 2023*

- Performed landscaping and groundworks duties both individually and collaboratively

## VOLUNTEER WORK

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### Engineers Without Borders

Minneapolis, MN

*Volunteer in the Water Distribution team*

*September 2022—December 2022*

- Analyzed optimal strategies for the construction of a new well in St. Pius, Malawi
- Worked on a team to research the community and past designs to fit their specific needs