

# Caden Jurkovski

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## EDUCATION

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### University of Minnesota – Twin Cities (*ongoing*)

Sep. 2022 – May 2026

*B.S., Computer Science and Mathematics (Double Major)*

*Minneapolis, MN*

- CCAPS Dean's List, 3.87/4.0 GPA as of Spring 2024 semester
- 69 credits completed as of Spring 2024 semester.

### Stillwater Area High School

Sep. 2020 – June 2024

*High School Diploma*

*Stillwater, MN*

- Honors Graduate, 3.99/4.0 Weighted GPA
- National Honor Society, 3-time Academic Letter

## WORK EXPERIENCE

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### University of Minnesota – College of Science & Engineering

August 2024 – Present

*Student Learning Assistant*

*Minneapolis, MN*

- Student Learning Assistants assist with classroom instruction using active learning techniques, proctor quizzes, grade homework, and aid with course preparation.
- Specialized in Math 1151: Precalculus II

### Engineering For Kids

June 2024 – Present

*Summer Assistant Teacher*

*Minneapolis, MN*

- Engineering For Kids provides educational and stimulating robotics programs for young engineers ranging from 3<sup>rd</sup> to 8<sup>th</sup> grade.
- As an Assistant Teacher, I specialized in the distribution of materials, maintaining student focus, and one-on-one interaction with students.

### Aire Brokers LLC

Nov. 2023 – August 2024

*Linux Database Administrator Intern*

*Minneapolis, MN*

- Aire Brokers provides real estate solutions for customers surrounding the Twin-Cities area.
- As a Linux Database Administrator Intern, I was responsible for the physical & virtual maintenance of a variety of database servers and networks.
  - On call to help fix a variety of maintenance/uptime issues whenever needed.
- Experimented with training large language models.
- Experience with Linux, Python, SQL, Plesk, WordPress, Ubuntu and PowerEdge servers.

## SKILLS & PROJECTS

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**Experience with:** Java, Python, OCaml, JavaScript, C/C++, x86 Assembly, HTML/CSS, ExpressJS, SQL

### Recent Projects

- URL Shortener API
  - Utilizes Python/Flask, PostgreSQL, and a fully functional frontend with a live demonstration on my personal website.
- Derivative Graphing Webapp
  - A web application that can be used to graph a function and it's first derivative of a function of the format  $f(x)$ , with a live demonstration on my personal website.
  - Utilizes JavaScript, CSS/HTML, MathQuill and Desmos API
- *Some more examples of my work can be found on my GitHub, which is on my personal website.*