

# Gabriel Natenshon

Highland Park, IL ♦ (847) 275-2470 ♦ [gmatenshon@gmail.com](mailto:gmatenshon@gmail.com)

Dynamic and productive leader, dedicated to open source and creative problem-solving.

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## Select Projects (dozens of additional projects at [github.com/mecaneer23](https://github.com/mecaneer23))

### [TUI To-Do App](#) (Python)

March 2023

- VIM-based terminal to-do list application
- Focus on best code practices for a larger project

### [Binary to Decimal Converters](#) (over 50 languages)

July 2021

- Learning tool comparing common concepts across programming languages
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## Activities

### Robotics Multi-year Team Captain, FIRST Tech Challenge (FTC)

May 2018 - February 2024

- Engineered award-winning robots, consistently top 10 in the league
- Led hardware, software, and outreach sub-teams, totaling over 15 people
- Nominated unanimously for Dean's List Semi-Finalist junior year

### Band Musician and Leader

September 2016 - May 2024

- Drum Major/Section Leader, HPHS Marching Giants (Marching band)
- 1st Trumpet, HPHS Bands (Symphonic, Jazz, STUNTS pit - student-led theater)
- Band Manager, HPHS Bands - competitively selected to manage band program
- Director of Communications and Asst. Choreographer, HPHS Trashcan Ensemble

### Varsity Boys Gymnastics

February 2022 - May 2024

- 5th place all-around at regionals, advanced to conference and sectionals
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## Work Experience

### Code Coach (Tutor) / theCoderSchool

February 2022 - Current

- Created personalized curriculum for over 10 students in 1:1 or 1:2 code teaching
- Significant praise from students and parents based on competence and adaptability

### Guest Services: Parking Attendant / Ravinia Festival

Summers, June 2022 - Current

- Directed hundreds of cars per night, recognized for staying calm under pressure
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## Education

Case Western Reserve University - Cleveland, OH

Admitted Class of 2028

Highland Park High School

Class of 2024

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## Skills

Python | Java | Vanilla JS | HTML/CSS | Android Studio (FTC) | Linux

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Find me online: [github.com/mecaneer23](https://github.com/mecaneer23), [mecaneer23.net](https://mecaneer23.net), [linkedin.com/in/gabriel-natenshon/](https://linkedin.com/in/gabriel-natenshon/)