

# Fletcher Gornick

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GitHub: github.com/fmgornick



## EDUCATION

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### University of Minnesota

B.S. in Computer Science & Mathematics, GPA: 3.96

Minneapolis, MN

2019 - Current

### Thomas Jefferson Highschool

Highschool Diploma, GPA: 4.19

Bloomington, MN

2015 - 2019

## EXPERIENCE

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### API Platform Technologies Intern

Target Internship Program

Minneapolis, MN

Summer 2022

### Undergraduate Research Assistant

Partnered with Director of Graduate Studies, Kevin Wendt

Minneapolis, MN

Spring 2022 - Current

### Undergraduate Teaching Assistant

CSCI 3081W: Program Design and Development

Minneapolis, MN

Spring 2022 - Current

### Non-Profit Board of Directors Member

Scleroderma Warriors 501(c)(3)

Bloomington, MN

Fall 2020 - Current

## TEACHING

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- **Undergraduate Teaching Assistant** at the University of Minnesota  
*Minneapolis, MN* Spring 2022 - Current
- **Chess Coach** at Normandale Hills Elementary School  
*Bloomington, MN* Fall 2014 - Spring 2017

## SKILLS

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- **Programming:** Go, Rust, Python, Typescript, C/C++, Unix shell-scripting, Haskell, OCaml, Java
- **Tools/Software:** Git/Github, Docker, Node.js, SQL, React, L<sup>A</sup>T<sub>E</sub>X, Matlab, Vim

## PROJECTS

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- Program to Dynamically Configure Reverse Proxies  
*Wrote a program that converts json configuration files into readable configuration for Envoy Proxy. Used on Target API servers for run-time proxy updates.*
- Drone Search and Rescue Simulation  
*Used basic design patterns to build a drone search/rescue simulation in C++.*
- Parsons Problem Generator  
*Wrote a program to generate quiz questions for students given file input. Produces both QTI and GIFT formatted questions, for Canvas and Moodle respectively.*
- Seeds of Change Bioinformatics Research  
*Studied the habits of Leafcutter ants to document how they utilized certain antibiotic compounds*

## SCHOLARSHIPS AND ACCOMPLISHMENTS

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|--|----------------|
| • National Merit University of Minnesota Scholarship | 2019 - Current |
| • Private Academic Scholarship (Bonnie Hirsch)       | 2019 - Current |
| • National Society of Collegiate Scholars Member     | 2019 - Current |
| • State Runner up Media Creativity Award             | 2011           |
| • Track and Field Conference Champion                | 2019           |

## EXTRACURRICULAR ACTIVITIES

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|--|---------------------------|
| • Board Member of Scleroderma Warriors 501(c)(3)<br><i>Collect donations to contribute towards research and scholarships, as well as work on the website (<a href="https://sclerodermawarriors.org/about">https://sclerodermawarriors.org/about</a> for more detail)</i> | Fall 2020 - Current       |
| • Volunteer Chess Club Coach<br><i>Helped teach elementary schoolers the fundamentals of chess</i>   | Fall 2014 - Spring 2017   |
| • Volunteer work at the Prop Shop (Eden Prairie, MN)<br><i>Organized inventory and picked up donations from houses</i>   | Fall 2015                 |
| • Soccer<br><i>Midfield Position</i>   | Fall 2015 - Fall 2018     |
| • Track & Field<br><i>High Jump and Hurdles</i>  | Spring 2016 - Spring 2019 |
| • Basketball<br><i>Center Position</i>   | Winter 2015 - Winter 2019 |