

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