

Fletcher Gornick

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EDUCATION

University of Minnesota

B.S. in Computer Science, GPA: 3.95/4.00

B.S. in Mathematics, GPA: 3.95/4.00

Minneapolis, MN

2019 - Current

Thomas Jefferson Highschool

GPA: 4.19/4.00

Bloomington, MN

2015 - 2019

EXPERIENCE

API Platform Developer Intern

Target Tech Internship

Minneapolis, MN

Spring 2022 - Fall 2022

Undergraduate Research Assistant

University of Minnesota, Twin Cities (with 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

Busser, Barback, Host, & Food Runner

Redstone American Grill

Eden Prairie, MN

Fall 2016 - Summer 2019

Painter & Landscaper

Gornick's Painting

Edina, MN

Summer 2013 - Current

TEACHING

- **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

- **Programming:** C/C++, JavaScript, Python, Java, Rust, OCaml, Haskell, PHP, HTML/CSS
- **Tools/Techs:** Git, Docker, Node.js, R, shell-scripting, L^AT_EX, Matlab, Vim, Mathematica

PROJECTS

Designing a Search and Rescue Drone System

- Uses object-oriented design and common design patterns to build a drone simulation. Also followed the agile development process to get a feel for software development outside of education.

Program to Create Coding Problems

- Created a program that takes in a file and adds mutations. Then formats this new file into an ordering problem in QTI for Canvas.

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

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