

# Miles Shamo

*Expected Bachelors of Science in Computer Science in 2023*

Naperville, IL

630-465-8997

[milesshamo@gmail.com](mailto:milesshamo@gmail.com)

## Education

<b>University of Illinois at Chicago, Chicago, IL.</b>	4.0 grade point average	Aug. 2019
Bachelor of Science in Computer Science	Honors College Student	—
Junior standing	Member of Tau Beta Phi	May 2023
S-STEM Scholar	Member of the A.C.M.	(Predicted)
<b>North Central College, Naperville, IL.</b>	4.0 grade point average	May 2016
Continued studies in Computer Science along-side high-school course-load	Lederman Scholar	—
		May 2018
<b>Naperville Central High School, IL.</b>	4.452 grade point average	Aug. 2015
National Honors Society member	Science Olympiad Captain	—
		May 2019

## Skills

Computer maintenance and repair  
Wireless network analysis  
Proficient in regular expressions  
Familiar with Catch2  
Proficient with VIM

### Programming Languages

2.5 years Java experience  
Proficient in and currently studying C and C++  
Familiar with Python, [B<sub>Y</sub>E<sub>X</sub>](#), JavaScript, and C#  
Currently learning AHK and Rockstar

## Experience

### Network Operations Intern, Naperville Community Unit School District 203

Led a small team to conduct a suit of wireless surveys across the district	
Condensed findings into building level reports highlighting potential problems and providing suggested solutions	June 2019
Presented findings to the district	—
Developed a Java application to analyze active survey data	Aug. 2019
Worked closely with both hardware and software infrastructure	

### Golf Caddie, Naperville Country Club

Carries patrons clubs for duration of the golf round	Apr. 2018
Ensures clubs are clean and properly stored at conclusion of round	—
Rakes bunkers, fills divots and other basic maintenance	Present
Promotes fast and enjoyable play	

## Projects

### Prior Projects

Created a web-based text adventure documenting Julius Caesar's life through the Twine engine  
Analyzed high sample rate (1000 Hz.) waveform data using the OpenCSV Java library  
Implemented a Spotify "helper." Managed volume, seek/skip, and liking/disliking songs through keyboard shortcuts via AutoHotKey  
Prototyped "Left Click to Everything," a game written for the Unity Engine in C#

### Current Projects

Exploring the arithmetic of elliptical curves through python-enabled computation  
Assembling and experimenting with the Open Theremin V3 Arduino Shield  
Creating generative art through Java applications via the Processing3 library

## Additional Activities

Regular volunteer for AquaHouse Tutoring.  
Regular volunteer for children's activities at the Naperville Public Library

Amateur performance pianist  
Amateur poet looking to eventually publish  
Searching for the perfect macaroni and cheese recipe