

Miles Shamo

Expected Bachelors of Science in Computer Science in 2023

Naperville, IL

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Education

University of Illinois at Chicago, Chicago, IL.	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)
North Central College, Naperville, IL.	4.0 grade point average	May 2016
Continued studies in Computer Science along-side high-school course-load	Lederman Scholar	—
		May 2018
Naperville Central High School, IL.	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_YE_X](#), 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