

Anastasios A. Manganaris

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EDUCATION	The Ohio State University , Columbus, Ohio	May 2023
	B.S. Computer Science & Engineering, specialization: A. I.	GPA: 3.904 (4.0 scale)
	Courses: Calculus, Linear Algebra, Differential Equations, Algorithms and Data Structures, Computer Systems, Web Application Development, Techniques in A.I., Computer Architecture, Neural Networks, Machine Learning Theory, Programming Languages, Database Systems, Parallel Computing, Computer Vision, Automata & Formal Languages, Compiler Design and Implementation, Realtime Rendering	
	Anderson High School , Cincinnati, Ohio	June 2019
	Graduated with Honors	GPA: 4.663 (4.0 scale)
EXPERIENCE	Research Assistant at The Ohio State University	December 2021 - Present
	Developed and explored software for identifying RNA chemical modifications from Nanopore sequencing data. Helped co-author a manuscript by producing findings, figures, and tools for Dr. Sanggu Kim and his lab. Investigated relationship between Nanopore sequence quality and RNA secondary and tertiary structures.	
	Software Developer at SentiLock, LLC	June 2018 - August 2018
	Designed, implemented, and deployed a web application for SentiLock's analytics dashboard, which visualized lock-box accesses with a heat map overlaid on an interactive map.	
PROJECTS	multi-cam tool - Android App (in Kotlin) for stereo photography.	November 2022
	sclip - C program for retroactively capturing audio using the JACK sound server API.	April 2021
	graphdoc - Haskell program for converting graphs of markup files while preserving their structure.	September 2020
SKILLS	Programming Languages: Haskell, Common Lisp, GNU Guile, Java, C, C++, Rust, Python, MATLAB, Ruby, JavaScript, PHP	
	Software & Services: Linux, Docker, AWS, Slurm, OpenMP, MPI, Emacs, Git, Rails, ReactJS, Nix, and GNU Guix.	
HONORS & ACTIVITIES	Project Leader for OSU's Code4Community Club	2021 - Present
	BuckeyeCTF OSU Division 2 nd Place	October 2022
	Buckeye Programming Competition OSU 6 th Place	October 2022
	BuckeyeCTF OSU Division 1 st Place	October 2021
	OSU Maximus Scholarship	May 2019
	IBM James Watson Memorial Scholarship	May 2019
	Ohio State Champions with the 7 σ FTC Robotics Team	January 2019
	Induction to the Cum Laude Society	October 2018
	Induction to the National Honor Society	March 2018
	Lead Programmer for 7 σ FTC Robotics Team	2017 - 2019