## Nicholas Ceccarelli

GitHub: github.com/nceccarelli

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Email: njceccar@buffalo.edu		Software Engineer	<i>LinkedIn:</i> lin	kedin.com/in/nceccarelli
EDUCATION				
University at Buffalo, The State Univ	versity of N	ew York		Expected Spring 2021
		nce, Artificial Intelligence Focus		GPA: 3.97/4.00
Bachelor of Arts, Mathem				
Lorenzo di Medici International Inst				Winter 2019
Study Abroad Experience	ın Florence,	Italy		
WORK EXPERIENCE				
Ox Intel, Inc., Software Engineering				Spring 2020 – Present
		d data storage system for a data colle of software development and cloud co		
CyberMed Research Lab, <i>Undergra</i>			pating	Winter 2020 - Present
		ve a preliminary respiratory illness diag	nosis	
<ul> <li>Engineer audio files to spectro CytoCybernetics Inc., Software Eng</li> </ul>				Fall 2019 - Present
		ons used in biological research		Tail 2015 - Tresent
		ions in Python for both analytical and r	numerical results	
CSE 220: Systems Programing, Tea		stant		Fall 2019 - Present
<ul> <li>Teach laboratory and recitation</li> <li>Host office hours to assist study</li> </ul>				
<ul> <li>Present new ideas for the cou</li> </ul>				
Distributed Robotics and Networke				Spring 2018 – Fall 2020
		ad and display Tweets that fit certain rendergraduate Students program partici		
<ul> <li>Presented progress at daily s</li> </ul>	tandup meet	ings	<b>-</b>	
NSF-funded REU at the University				Summer 2019
		c algorithms and temporary networks oment of UAV access points for a temporary		
		per which was accepted by the IEEE W		rence
TECHNICAL SKILLS				
C++	Java	Android Development (	Git/GitHub	Microsoft Word
	/aScript		Linux OS	Microsoft Excel
Python H	HTML	MySQL	Bash	Microsoft PowerPoint
ACCOMPLISHMENTS				
Engineering Honor Society Dean's List AP Sch			AP Scho	lar with Distinction
Presidential Scholarship Grace W. Capen Scholar WNY			Scholar Athlete	
PROGRAMMING PROJECTS				
On-Campus Event Manager Androi	d Applicatio	nn		Spring 2020
		oplication using the Agile design proce	SS	Opinig 2020
	•	eck in, and event creation pages		
<ul> <li>Utilized XML for front end, Ja</li> <li>Optimal UAV Positioning for a Tem</li> </ul>			orithm	Summer 2019
- Performed a literary review in			Ontinii	Odiffiller 2019
· · · · · · · · · · · · · · · · · · ·		itioning for drones to cover a map of u	-	ne swarm
<ul> <li>Used genetic algorithms</li> <li>Performed testing and validat</li> </ul>		al calculations, and the concepts of tra	ansfer learning	
C-Standard Compliant Memory Allo		reviously existing solutions		Spring 2019
- Implemented malloc(), cal	loc(),rea	lloc(), and free() for the C program		
• • •		ocations and a bulk approach for large	allocations	
- This implementation can be u		, ,		
LEADERSHIP/CO-CURRICULAR	EXPERIEN	CES		- H-2212 - D
Honors Student Council, <i>Treasurer</i> - Plan social and volunteering e	avente for et	dents		Fall 2019 - Present
<ul> <li>Manage Honors Student Cou</li> </ul>		dente		
UB Association for Computing Mac	hinery, <i>Mei</i>	mber		Spring 2018 - Present
University Heights Tool Library, Vol.				Spring 2018
Honors Mentoring Program, <i>Mento</i>		a high school to college and LIP		Fall 2018 - Present
Intramural Soccer and Volleyball, Pa		n high school to college and UB		Fall 2017 - Present
UB Symphonic Orchestra, <i>Principal Bassist</i>				Fall 2017 - Present
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