## Yash Kapoor

	rasn	Kapooi	
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Education			
Expected Graduation: May 2022	University of Maryland, College Park		
	University Honors, Dean's List (S20, F20)		
	B.S., Computer Engineering   Minor in Mathematics		
	GPA: 3.7/4.00		
Work Experience			
lan 2021 – Present	Teaching Assistant		
	University of Maryland, College Park – A. James Clark School of Engineering		
	signal processing and comput		
		ice hours to provide hand-on experience	e with relevant technologies
May 2021 – Aug 2021	Head Research Assistant		
	•	k – A. James Clark School of Engineering	
	<ul> <li>Led a small team of undergraduate and graduate students to research IoT technology</li> <li>Utilized existing resources to develop a low-cost system for swarm technology to be used for</li> </ul>		
	humanitarian acts such as disa	•	
	on a <b>Raspberry Pi 4</b> (with a <b>PiC</b>	ate flight parameters of drones using <b>im</b> amera as video input) with minimal later	
Dec 2020 – May 2021	Backend Web Developer		
	CORA – Combating Overdoses in F		and the desired and the desired and
	Usea <b>Node.js</b> and <b>Express.js</b> to and a <b>MongoDB</b> database	create an API to facilitate communicati	on between the trontend
	•	s <b>Requests, BeautifulSoup4</b> and <b>Pandas</b> tises	o gather and process data
Aug 2020 – May 2021	Frontend Web Developer		
	WMUC Radio		
		<b>trap</b> to build an interactive and engagir station licensed to the University of Mary	
		ue to revamp UI for news website with 20	000+ visitors per month
Aug 2019 – March 2020	STEM Tutor		
Nog 2017 - March 2020		k – College of Computer, Mathematical	l and Natural Sciences
Projects (More projects o	at <u>GitHub.com/Yashkaps</u> )		
	Game with Al		
	<ul> <li>Implemented the popular book</li> <li>PyGame and NumPy libraries</li> </ul>	ard game Connect-4 for single and 2 plc	yer modes using <b>Python's</b>
		MiniMax Algorithm with depths of 2 (Easy	/), 3 (Hard) or 4 (Impossible)
	COVID-19 Cases & Youth	Population Correlation	
		uch as <b>Pandas, Requests, Matplotlib</b> , and DVID-19 cases and the youth population	
	Job Application Filter for	Gmail	
	Used <b>Gmail API</b> with <b>Java</b> to a update a spreadsheet based	nly retrieve emails relevant to the job ap on the email contents	pplication process and
Skills			
		S, Javascript, ReactJS, VueJS, Expr fulSoup, Matplotlib, Numpy), Postg	
	Machine Learning: Scikit Lear		
	Other: Git, Java, C++, Ruby, C	DCaml, Assembly, Android Studio	
	Engineering: Arduino, Raspberr		