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	website		
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Virginia Polytechnic Insti	tute and State University		Spring 2020
Bachelor of Science: Computer Engineering			
GPA: 3.66/4.0 Magna C	um Laude		
Summer Intern: Optum T	echnology Development	Program	
Boston, MA			Summer 2019
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			Summer 2018
_	th an intern team tasked to	design a practitioner	
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		nethods to query mock	
	_	detabase that made assemble a	
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		sinderstand simple trends in data	
Blacksburg, VA	3 0		Fall 2017
 Conducted meetings for 	cusing on communication a	and coordinated team schedules	
C++ C	Neo4	lj Agile	UNIX
ReactJs Pyt	chon Qt	LTspice	Git
BOTLER:			Fall 2019
 Tasked to control a thre 	e wheeled rover as part of	a retrieval embedded system	
	_		ns
	nultithreading, and thread-	safe queues to navigate	Summer 2019
S	marketplace that allowed r	practitioners to recommend vendo	
-		statistically to recommend vende	,,,,
•		p them pay for specific equipmer	nt
			Spring 2019
•	rtificial intelligence project	ts that would implement AI conce	epts
			E-11 2010
<u>-</u>	CIII based application that	implemented a LISD language	Fall 2018
•	inty to do digeord, idinoda	runctions, and graphing	Summer 2018
 Created a survey to help expedite the triage system in natural disasters 			
			ority queue
Data Structures and Algorith	nms	Machine Learning	
Applied Software Design			rchitecture
Microcontroller Interfacing		Introduction to UNIX	
	ngineering Applications	•	
	E-11-2017 G		
Dean's List with Distinction	i: Faii 2016, Spring 2018,	, ran 2018, Spring 2019	
-	challenges and allow me to Virginia Polytechnic Insti- Bachelor of Science: Com GPA: 3.66/4.0 Magna C Summer Intern: Optum T Boston, MA Front end developer on Improved a waitlist systomal of the provided data validation therapists for patients to the provided data validation therapists for patients and the data illustication of the provided parameters to data in JSON formatting. Helped organize the best simpler and the data illustication of the data illustication. Created parameters to data illustication of the data illustication of the data illustication. Blacksburg, VA Guided freshman engin Conducted meetings for the conducted meetings for the data illustication of the dat	Challenges and allow me to further build upon my cur Virginia Polytechnic Institute and State University Bachelor of Science: Computer Engineering GPA: 3.66/4.0 Magna Cum Laude Summer Intern: Optum Technology Development Boston, MA Front end developer on a design team building wi Improved a waitlist system used to schedule hospi Created a system that pulled medical data from ele provided data validation, and ran an algorithm to a therapists for patients to reduce wait time Raleigh, NC Full stack developer with an intern team tasked to facing UI with a graph database backend Created parameters to organize the database and in data in JSON formatting Helped organize the best setup of fields within the simpler and the data illustrate trends about the pop Determined and implemented useful API calls to a Mentor: CEED Mentoring Program Blacksburg, VA Guided freshman engineering students through the Conducted meetings focusing on communication at C++ C Neo- ReactJs Python Qt BOTLER: Tasked to control a three wheeled rover as part of Created server to receive pixy cam and ultrasonic within a game field. The rover would process this Used external sensors, multithreading, and thread- dmeExchange: Created a concept for a marketplace that allowed a of durable medical equipment for patients in need Showed how the patient's coverage plan could hel Berkley Artificial Intelligence Pacman: Completed a series of artificial intelligence project within Pacman Plotscript: Created a terminal and GUI based application that Implemented the capability to do algebra, lambda RAD: Created a series of questions to determine their lev Data Structures and Algorithms Applied Software Design Microcontroller Interfacing Artificial Intelligence and Engineering Applications Intro to Control Systems	Summer Intern: Optum Technology Development Program Boston, MA Front end developer on a design team building with ReactJS Improved a waitlist system used to schedule hospital behavioral appointments Created a system that pulled medical data from electronic health records, provided data validation, and ran an algorithm to recommend possible therapists for patients to reduce wait time Raleigh, NC Full stack developer with an intern team tasked to design a practitioner facing UI with a graph database backend Created parameters to organize the database and methods to query mock data in JSON formatting Helped organize the best setup of fields within the database that made querying simpler and the data illustrate trends about the population Determined and implemented useful API calls to understand simple trends in data Mentor: CEED Mentoring Program Blacksburg, VA Guided freshman engineering students through their first semester in college Conducted meetings focusing on communication and coordinated team schedules C++ C Neo4j Agile ReactJs Python Qt LTspice BOTLER: Tasked to control a three wheeled rover as part of a retrieval embedded system Created server to receive pixy cam and ultrasonic sensor data for rover to orient its within a game field. The rover would process this data and make automated decisio Used external sensors, multithreading, and thread-safe queues to navigate dmeExchange: Created a concept for a marketplace that allowed practitioners to recommend vendor of durable medical equipment for patients in need Showed how the patient's coverage plan could help them pay for specific equipment Berkley Artificial Intelligence Pacman: Completed a series of artificial intelligence projects that would implement AI conce within Pacman Plotscript: Created a terminal and GUI based application that implemented a LISP language Implemented the capability to do algebra, lambda functions, and graphing RAD: Created a series of questions to determine their level of need and placement in a pri

Zora M. & Gilmer A. Warfield Memorial Scholarship