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309 Jackson St.  
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Objective	To obtain a full-time position in software development that will provide interesting challenges and allow me to further build upon my current skillset.				
Education	Virginia Polytechnic Institute and State University Bachelor of Science: Computer Engineering GPA: 3.66/4.0 Magna Cum Laude				Spring 2020
Experience	Summer Intern: Optum Technology Development Program Boston, MA				Summer 2019
	<ul style="list-style-type: none"><li>Front end developer on a design team building with ReactJS</li><li>Improved a waitlist system used to schedule hospital behavioral appointments</li><li>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</li></ul>				
	Raleigh, NC				Summer 2018
	<ul style="list-style-type: none"><li>Full stack developer with an intern team tasked to design a practitioner facing UI with a graph database backend</li><li>Created parameters to organize the database and methods to query mock data in JSON formatting</li><li>Helped organize the best setup of fields within the database that made querying simpler and the data illustrate trends about the population</li><li>Determined and implemented useful API calls to understand simple trends in data</li></ul>				
Skills	Mentor: CEED Mentoring Program Blacksburg, VA				Fall 2017
	<ul style="list-style-type: none"><li>Guided freshman engineering students through their first semester in college</li><li>Conducted meetings focusing on communication and coordinated team schedules</li></ul>				
	C++ ReactJs	C Python	Neo4j Qt	Agile LTspice	UNIX Git
Projects	BOTLER:				Fall 2019
	<ul style="list-style-type: none"><li>Tasked to control a three wheeled rover as part of a retrieval embedded system</li><li>Created server to receive pixy cam and ultrasonic sensor data for rover to orient itself within a game field. The rover would process this data and make automated decisions</li><li>Used external sensors, multithreading, and thread-safe queues to navigate</li></ul>				
	dmeExchange:				Summer 2019
	<ul style="list-style-type: none"><li>Created a concept for a marketplace that allowed practitioners to recommend vendors of durable medical equipment for patients in need</li><li>Showed how the patient’s coverage plan could help them pay for specific equipment</li></ul>				
	Berkley Artificial Intelligence Pacman:				Spring 2019
	<ul style="list-style-type: none"><li>Completed a series of artificial intelligence projects that would implement AI concepts within Pacman</li></ul>				
	Plotscript:				Fall 2018
	<ul style="list-style-type: none"><li>Created a terminal and GUI based application that implemented a LISP language</li><li>Implemented the capability to do algebra, lambda functions, and graphing</li></ul>				
	RAD:				Summer 2018
	<ul style="list-style-type: none"><li>Created a survey to help expedite the triage system in natural disasters</li><li>Created a series of questions to determine their level of need and placement in a priority queue</li></ul>				
Relevant Coursework	Data Structures and Algorithms Applied Software Design Microcontroller Interfacing Artificial Intelligence and Engineering Applications Intro to Control Systems		Machine Learning Computer Organization and Architecture Introduction to UNIX Embedded Systems Design Network Application Design		
Achievements	Dean’s List with Distinction: Fall 2016, Spring 2018, Fall 2018, Spring 2019 Zora M. & Gilmer A. Warfield Memorial Scholarship				