

171 LEGACY PARK CIRCLE Dearborn Heights Michigan 48127

## Haitham M. Mawari





Email: haitham1@vt.edu WEB: HAITHAMMAWARI.US GITHUB: HAITHAM1484 Cell: 571.218.7667

Education	Major: Philosophy	Relevant Courses	Computer Org and Architecture I, II Applied Software	Operating Systems  Discrete Math  Wittgenstein	Technical Writing Calculus I, II, III Molecular Biology
Graduated: May 2020	Minor: Computer Science	\\\\/7/\ <sup>-</sup>	<b>Design</b> Engineering Physics	(Special Topics) Symbolic Logic	Linear Algebra <b>Data Structures &amp;</b>
Virginia Tech Blacksburg, Virginia	Intelligence Community Scholar	VIRGINIA TECH	I, II Statistics for Engineers Combinatorics	Foundations of Engineering Mobile Development (Android) Technical Writing Data Analytics	Algorithms Public Speaking Chemistry I, II Graph Theory
LANGUAGE SKILLS	English (Native) Arabic (Fluent) German (Proficient)	Internship	ViaSat Inc Carlsbad, CA Software Engineering Intern  • Built a framework (Docker, AWS, and LDAP) for the Analytics Tools		
LIFELONG LEARNING	<b>DefCon 24</b> - Las Vegas, <b>NV</b> <b>DefCon 25</b> - Las Vegas, <b>NV</b> <b>DefCon 29</b> - Las Vegas, <b>NV</b>	Viasat:**\	<ul> <li>Group (ATG) to explore company data sets</li> <li>Responsible for authentication and authorization of the framework</li> <li>Attended weekly tech talks on satellite communication, high bandwidth broadband, and CBP (cost per bit) reduction</li> <li>Developed a Jupyterhub toolkit</li> <li>Participated in a company-wide hackathon</li> </ul>		
RESEARCH	Analysis in Medical History, Virginia Tech  August 2015 – January 2016				
	Undergraduate Researcher for Dr. Tom Ewing				
	<ul> <li>A research project on one of the world's (deadliest) global epidemics (Russian Influenza 1889-1890)</li> <li>Explored a variety of quantitative as well as textual data sources from the Library of Congress</li> <li>Measured the impact of the influenza at the national, regional, and local levels</li> <li>Collected data from (primary and secondary) sources</li> <li>Extracted, compiled and tracked data, and analyzed data to generate reports</li> <li>Presented preliminary results at the Virginia Tech Research Center in Arlington, VA</li> </ul>				
Professional Work					
EXPERIENCE	Virginia Tech IT Services, Blacksburg, VA  An emphasis on end-user technical support  Exposure to Virginia Tech's enterprise server management systems  Learned how to deal with clients while maintaining a high level of customer service  Virginia Tech Services, Inc., Blacksburg, VA  High volume customer service. Learned vital (customer service) skills along with inventory management skills.  Lyft Inc., Detroit, MI  Driver  Responsible for the safety of passenger(s)  Advised passenger(s) about strict Covid-19 mask, sanitation, and air-ventilation requirements  Demonstrated ability at driving in hazardous road conditions (rain, sleet, hail, snow)  Effective at mediation and conflict resolution  Excellent communicator  4.98-star average rating				
4.76-Star average rating					
TECHNICAL KNOWLEDGE	Proficient in	Familiar with			Operating systems
	C Java	HTML   CSS   JavaScript   Android Development   Vim   GDB   TDD/OOP   AWS   Bash/Zsh/Fish   Jupyter Notebooks   REST   GitHub   Reverse Engineering (IDA Pro)   Docker   Final Cut Pro   DevOps   LaTeX   Python   R   Eclipse   R-Shiny   (RNG's) Random Number Generators		Windows   MacOS   Linux (Arch Linux, CentOS, Tails)	
Leadership and Achievements	Intelligence Community Center of Academic Excellence (ICCAE), Hume Center, Virginia Tech (2016 – Present)  OCVT - Outdoor Club at Virginia Tech (2016 – Present)  Phi Sigma Tau Academic & Leadership Honor Society (2015)  Tau Sigma Academic & Leadership Honor Society (2014)		\$8000 + Virginia Commonwealth Award(s) \$3000 Peter and Phyllis Pruden Scholarship recipient \$2500 Eugene & Mary Rowe Scholarship \$2000 + Virginia-Tech Grant(s) \$1,791 Floyd-Francis Scholarship National Security Education Program (NSEP) (2016 - Present) Virginia Tech Advanced Research Certificate (University libraries, 2015)		