Haitham M. Mawari

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Education

Graduated: **May 2020**

Virginia Tech
Blacksburg, Virginia

Major:
Philosophy

Minor:
Computer Science

Intelligence Community Scholar

Relevant Courses

Computer Org and Architecture I, II	Operating Systems	**Technical Writing**
Applied Software Design	**Discrete Math**	Calculus I, II, III
Engineering Physics I, II	Wittgenstein (Special Topics)	Molecular Biology
Statistics for Engineers	Symbolic Logic	Linear Algebra
Combinatorics	**Foundations of Engineering**	**Data Structures & Algorithm**s
	Mobile Development (Android)	Public Speaking
	Technical Writing	Chemistry I, II
	Data Analytics	Graph Theory

Language Skills

English *(Native)*
Arabic *(Fluent)*
German *(Proficient)*

Lifelong Learning

DefCon 24 - *Las Vegas, NV*
DefCon 25 - *Las Vegas, NV*
DefCon 29 - *Las Vegas, NV*

Internship

ViaSat Inc. -- *Carlsbad, CA*   **May 2016 - August 2016**
Software Engineering Intern

- Built a framework **(Docker, AWS, and LDAP)** for the Analytics Tools Group **(ATG)** to explore company data sets
- Responsible for authentication and authorization of the framework
- Attended weekly tech talks on satellite communication, high bandwidth broadband, and CBP (cost per bit) reduction
- Developed a **Jupyterhub** toolkit
- Participated in a company-wide hackathon

Research

Analysis in Medical History, *Virginia Tech*   **August 2015 – January 2016**
Undergraduate Researcher for Dr. Tom Ewing

- A research project on one of the world's (deadliest) global epidemics (Russian Influenza 1889-1890)
- Explored a variety of quantitative as well as textual data sources from the **Library of Congress**
- Measured the impact of the influenza at the **national**, **regional**, and **local** levels
- Collected data from (primary and secondary) sources
- Extracted, compiled and tracked data, and analyzed data to generate reports
- Presented preliminary results at the Virginia Tech Research Center in *Arlington, VA*

Professional Work Experience

Virginia Tech IT Services, Blacksburg, VA   **June 2015 – September 2015**
- 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   **June 2015 – August 2015**
- High volume customer service. Learned vital (customer service) skills along with inventory management skills.

Lyft Inc., *Detroit, MI*   **May 2018 – Present**
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

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)