

SARA AL SOWAIMEL

EDUCATION WENTWORTH INSTITUTE OF TECHNOLOGY | BOSTON – MA

DECEMBER 2019

Bachelor of Science in Computer Networking

Overall GPA: 3.479/4.00; Dean's List (Fall 2016, Spring 2017, Summer 2018, Spring 2019, Summer 2019).

Minor in Computer Science

Related Courses: Intro to Network and Systems, Advanced Routing and Switching, Computer Organization, Security Principles, Network Administration, Network Security, Computer Security, Scripting for Cybersecurity, Network Forensics.

SKILLS & ABILITIES

Software: Packet Tracer, VMware Workstation, VirtualBox, WireShark

Operating Systems: Windows 7, Windows 8, Windows server 2012, CentOS

Programming Languages: Java Eclipse, MySQL, Rstudio, Android Studio, HTML, PHP, JavaScript

Instrumentation: Cisco Equipment

Languages: English, Arabic

PROJECTS CatNanny, CAT CARE SYSTEM (Group 2)

AUGUST 2019

- Designed the front-end of an Android mobile application that fully connected and controlled the system.
- Contributed in the system physical build
- Tested the system features functionality.
- Hard-coded Python scripts for some of the features of the system.

LED COMMUNICATIONS, TRANSMITTING OVER LIGHT (Group 2)

JANUARY 2017

- Programed an Arduino to control the LEDs.
- Used Java code programming for a part of the project.
- Assembled a set of LEDs using a bread board.
- Collaborated with a peer on the project, assigned roles and responsibilities.

EXPERIENCE HARVARD UNIVERSITY INFORMATION TECHNOLOGY | CAMBRIDGE, MA | JAN-APR/SEPT-DEC 2018

Network Engineer / Network Technician

- Troubleshoot daily operational tickets across Harvard campus through ServiceNow.
- Worked in patching data jack inventory.
- Managed and helped with customer service though emails, phone and ticketing.
- Created access points and documented and used Excel templates.
- Assembled chassis switches and updated Cisco switches.
- Troubleshoot and configured Cisco-based VLANs.

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SEPTEMBER 2017

Volunteer Teaching Assistant

- Served as a resource for 15 international student in taking English classes.
- Communicated on how to use the learning center.
- Created and hosted learning activities.
- Taught and advised how to approach the English course.
- Answered questions about the courses and assignments.

CONFERENCES & PUBLICATIONS MASSACHUSETTS INTITUTE OF TECHNOLOGY | CAMBRIDGE, MA

IEEE Research Technology Conference 2019

REFERENCES Ed Caron, Campus Networking Manager at Harvard University IT, **Email:** ed_caron@harvard.edu