

Sadiqa Tarar
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EDUCATION:

The George Washington University, Washington D.C.
Bachelor of Science in Biomedical Engineering, May 2017

The George Washington University, Washington D.C.
Master of Systems Engineering,
Expected date of graduation, May 2019

RELEVANT TECHNICAL SKILLS

Operating Systems

Windows, Mac OS

Software and Applications

Microsoft Office Suite, AMPL, MATLAB, Simio, Multisim, Solidworks, LabView,
CAD, Minitab

High-Level Languages

C++, R

Languages

Fluent in Urdu, Hindi, Punjabi, and English

Proficient in Arabic

RELEVANT EXPERIENCE

The George Washington University (GWU), May 2018- present
Systems Engineering and Engineering Management (EMSE)

Operations Research

Washington D.C.

Graduate Research Fellow

- ✓ Using discrete event simulation to model emergency departments
- ✓ Employing stochastic optimization techniques to optimize emergency departments in low income countries
- ✓ Developing strong independent learning and research skills

Katra Inc,

August 2018- present

Director of Operations

Baltimore, Maryland

- ✓ Responsible for the direction and coordination of this corporation
- ✓ Manage the company's financial assets and performance
- ✓ Unbeatable work ethic with acute attention to detail

The George Washington University (GWU),
Biomedical Engineering Department (BME),

May 2015-2017

OCT Imaging Lab

Washington D.C.

Undergraduate Research Assistant for Dr. Jason Zara

- ✓ Aided the building of the OCT system
- ✓ Facilitated the merge of the OCT system with the assimilated developed program
- ✓ Conducted research using OCT system in cold plasma study
- ✓ Developed strong problem solving, teamwork, and managerial skills

**The George Washington University (GWU),
The School of Engineering and Applied Science (SEAS),
Computing Facility
Washington D.C.**

October 2015- 2017

Laboratory Technician

- ✓ Provide computer technical assistance
- ✓ Maintaining computer labs, equipment, and classrooms
- ✓ Installing/ troubleshooting software, hardware problems

**Center for Social Change (CSC)
Elkridge, MD**

May 2013- present

Intern

- ✓ Managed patient records and organized daily schedules
- ✓ Gained important communication and leadership skills

VOLUNTEER EXPERIENCE

**University of Maryland Medical Center
Baltimore, MD**

June 2015

Volunteer

- ✓ Shadowed Dr. Allan Skrenta in the radiology department
- ✓ Shadowed doctors in the Emergency Room
- ✓ Aided in the preparation of patients for various imaging tests

**Campaign for Mayor Stephanie Rawlings Blake
Baltimore, MD**

June – August 2011

Volunteer

- ✓ Canvased community to gain support
- ✓ Managed phone center to illicit funding
- ✓ Sorted files for completion of voter profiles

**Women's Board of the Johns Hopkins Best Dressed Sale
Baltimore, MD**

May 2013

Volunteer

- ✓ Assisted customers and sales
- ✓ Organized merchandise

LEADERSHIP ROLES

Class of 2017 Representative – The Biomedical Engineering Society (BMES) at GWU

- ✓ Represent the entire class of 2017 in BMES

- ✓ Convey necessary information between the class of 2017 and the organization

EXTRACURRICULAR ACTIVITIES

Member - Institute of Electrical and Electronics Engineers (IEEE) at GWU

Member- Muslim Students Association (MSA) at GWU

Member- Pakistani Students Association (PSA) at GWU

Member- Circle K International at GWU