

## Fouad Habib

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### EDUCATION

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#### Columbia University - Mailman School of Public Health

Master of Public Health – Biostatistics

New York, NY  
Sep'2021 – May'2023

- Graduate scholarship (Full Scholarship) – Ministry of Higher Education, Kuwait

#### Iowa State University - College of Engineering

Bachelor of Science – Biological Systems Engineering

Ames, IA  
Aug'2015 – Aug'2019

- Merit A scholarship (Full Scholarship) – Ministry of Higher Education, Kuwait

### EXPERIENCE

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#### Ministry of Health – Al-Amiri Hospital

Biomedical Engineer

Kuwait City, Kuwait  
Feb'2020 – Jul'2021

- Improved efficiency by 50% time to find parts, by reorganizing the workshop, leading to shorter repair times
- Achieved 33% reduction in defected Cardiac Care Unit equipment, by utilizing incident reports, decreasing costs
- Managed 9 medical facilities installation and maintenance contracts for internal medicine and Radiology
- Placed 250 orders for spare-parts, managed 60 repair requests and repaired 80 medical devices not under contract
- Decreased by 5% the number of unused medical devices through inventory records audit in the Capital Province, as part of an annual Committee (Ministry of Health and Ministry of Finance joint committee)
- Reduced by 15% the instances of lost medical device logbooks by implementing a new filing system

#### Iowa State University – Department of Agricultural and Biological Systems Engineering

Research Assistant

Ames, IA  
Oct'2018 – Aug'2019

- Increased yield by 50% in gold nano cube synthesis; extracting particles lost during the washing steps

Learning Assistant (LA), Biology Dept, College of Liberal Arts and Sciences

Aug'2017 – Dec'2017

- Facilitated an increase of 20% in student's exam scores by holding voluntary office hours for students
- Managed the in-class learning of 5 groups of 5-7 students

### LEADERSHIP AND CERTIFICATION

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#### Columbia University - Mailman School of Public Health

Graduate Student Association - Biostatistics Department Representative

New York, NY  
Sep'2021 – Sep'2022

#### International Yacht Training Worldwide

- Received Small Powerboat & Rib Master certificate & VHF-SRC Certification
- 90 hours of operating Mercury Outboard Engines for 20 trips

Kuwait City, Kuwait  
Mar'2020

#### Iowa State University - College of Engineering

Vice-President of Kuwaiti Student Association

Ames, IA  
Oct'2018 – Feb'2019

- Avoided self-funding by raising \$700 from Student Government to successfully run 2 events
- Co-wrote the constitution for the initialization of the Association

### Skills and Interests

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- **Computer Skills:** VBA | MATLAB: Simulink | Arduino | Python | SAS
- **Languages:** Native in English and Arabic
- **Interests:** Fishing (Caught a 70 lbs. Bonito Tuna in Ensenada, Mexico) | Micro-Algae as a source of organic material and as a means of off-setting carbon emissions