

# Noor Semaan Resume

Noor Semaan

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## Aside



## Contact Info

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## Skills

- Familiar with machine learning models for **biotechnology applications**
- Proficient in **Python, R, and MATLAB**
- Experience in **different stages of renewable energy development**
- Participated in various **chemical engineering labs**
- Worked on a project to formulate and present a business plan for an **ultrathin customizable hydrogel layered membrane**

## Disclaimer

Last updated on 2021-05-02.

# Main

## Noor Semaan

Data Analytics student seeking Spring 2020 internship

### Education

#### Tufts University

MS Candidate in Innovation and Management

Medford, MA

2020–Current

#### Tufts University

B.S. in Chemical and Biological Engineering

Medford, MA

2016–2020

### Internship Experience

#### Summer Intern

Foster + Partners

London, UK

July 2018

- Performed calculations to determine energy optimization of different building designs targeting at least 70% efficiency when utilizing hydropower, solar, and wind energy instead of fossil fuels
- Attended workshops to learn about and work with sustainable materials (3D printing & water-based paints)

#### Summer Intern

Ampion

Boston, MA

May 2018

- Searched for, contacted, and obtained over 1,000 prospective clients in New York that would benefit from the company's services
- Validated current clients in upstate New York by matching their information on the online platform with their electricity bill
- Updated the current company database for supply and demand electricity tariffs in different areas of New York

## **Selected Project Experience**

### **New Product Innovation**

Tufts University

Medford, MA

December 2020

- Partnered with four graduate students to develop and defend a 50-paged business plan, which includes a product prototype, marketing section, and financials, for an online platform that enables engineering university professors to choose relevant corporate-sponsored projects for students to complete.

### **Product and Process Design**

Tufts University

Medford, MA

May 2020

- Led a team of four senior chemical engineers to write and present a class 4 report outlining the construction of a potential battery-grade Lithium Hydroxide plant in Australia that encompasses engineering, economic, and safety aspects.