

# WALEED H. SAEED

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## EDUCATION

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**Northeastern University, Khoury College of Computer Sciences**

August 2019 - May 2022

*Candidate for Master of Science in Computer Science, GPA: 3.6*

Courses: Software Engineering, Computer Systems, Algorithms, Databases, Discrete and Data Structures, OOP.

**University of London**

August 2015 - August 2018

*Bachelor of Laws, Classification: 2:1 Honors (Academic Roll of Honor)*

## TECHNICAL SKILLS

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<b>Languages</b>	JavaScript, TypeScript, Java, Python, SQL, HTML/CSS
<b>Technologies</b>	Git, JetBrains, GraphQL, MongoDB, LaTeX, Flutter
<b>Tools</b>	ReactJS, Node.js, NumPy, pandas, Selenium, Docker

## EXPERIENCE

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**Khoury College of Computer Sciences**

January 2021 - Present

*Graduate Research Fellowship*

*Boston, MA*

- Built several web scrapers using Python and associated libraries/tool-kits for each government website in the United States. Analyzed the data to meet project targets and goals.
- Engineered solutions for HTML webscraping and bypassing log in blocks on websites.
- Created a PDF analysis tool to extract relevant data using Natural Language Processing and semantic search.

**Northeastern University ITS - Digital Solutions Team**

October 2019 - Present

*Solutions Analyst*

*Boston, MA*

- Engineered solutions for COVID-19 resiliency/planning using SharePoint, Bookings and Power Apps.
- Product Manager for Bookings application employed institution wide with over 3000 users.
- Experience with Agile-Scrum workplace practices for creating and improving products.

**TRG/The Resource Group**

April 2020 - June 2020

*Software Engineering Intern*

*Remote*

- Built an application using JavaScript, MongoDB and React to give managers interactive access to real time data.
- Developed a tool to measure and analyze employee performance across multiple product classes.
- Worked on the eCommerce team to streamline payment processes for online transactions.

**The World Bank**

December 2018 - August 2019

*Legal Analyst*

*Lahore, PK*

- Drafted contracts that allowed the World Bank Group to collaborate with transnational organizations.
- Led negotiations during the contractual process, also leading to mediation to resolve contractual conflicts.

## PROJECTS

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**Covey.Town Virtual Meeting App**

- Built a full stack web application using **TypeScript/JavaScript, MongoDB, ReactJS and Node.js** that allows users to have virtual meetings through the Twilio **API**.

**Terms of Service Analyzer**

- Used **Python** and **Natural Language Processing through NLTK** to evaluate the legal stringency of clauses in terms of service (ToS) offered by popular online applications.