

Mohamed Ahmed

[in LinkedIn](#) | [732-298-4227](tel:732-298-4227) | [Portfolio](#) | MohamedAhmed754@hotmail.com | [GitHub](#)

Skills

- Polymerase chain reaction (PCR) | ELISA | Western blotting | Microarray analysis | Fluorescence in situ hybridization (FISH) | Cell culture | Histology | High-performance liquid chromatography (HPLC) | Mass spectrometry (MS) | Next-Generation Sequencing | Node | Express | React | NEXTJS | Redux | jQuery | NoSQL | Git
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Arabic – All professional proficiency or above

Experience

ASSOCIATE SCIENTIST 1

WUXI APTEC

Plainsboro, NJ, USA 10/2021 – 11/2022

- Led Multiple studies in according to sponsor and PI instruction meeting crucial study deadline generating ~\$500,000 per month/ per study.
- Worked Closely with sponsors such as Pfizer, Novartis, and Vertex.
- Performed Extractions such as protein precipitation, SPE, blood, etc. preparing them for HPLC/LCMS Submission.
- Trained new Associate Scientist 1 and 2 making sure they were familiar with the extraction and LCMS submission techniques per our SOPs.
- Maintained research notebooks in a well-organized manner, helping the company prepare for FDA, Sponsor, and Internal Audits.
- Maintained and calibrates laboratory equipment such as Tomtecs and HPLC instruments as well as handling order request for chemical solutions and lab equipment for Lab personal.
- Organized findings using Watson-LIMS for presentation to Sponsors.

Laboratory technician

SGS

DAYTON, NJ, USA 09/2018 - 12/2020

- Prepare amplified template libraries for high throughput sequencing.
- Prepares and analyzes samples according to SGS' analytical SOPs using instrumentation specific to the department and analytical methodologies.
- Uses and updates LIMS to track and manage workload.
- Uses technical judgment to determine the appropriate analytical approach for various sample matrices.
- Knowledge and understanding of basic analytical chemistry principles.

Product Analyst

SPRINJENE

Piscataway, NJ, USA 05/2017 - 06/2018

- Analyzed organic and inorganic compounds with chromatography, spectroscopy, or spectrophotometry to determine composition and properties.
- Troubleshoot instrument malfunctions and adhered to maintenance protocols.
- Developed and improved products, equipment, formulas, and analytical methods
- Conducted quality control tests.

Education

Bachelor of Science

University of New Haven

West Haven, CT, USA 08/2014 - 12/2019

- Genetics and Biotechnology

Certificate of Completion

General Assembly

Remote, USA 11/2022 – 02/2023

- Software Engineering Immersive

Projects

- **Rummage:** Rummage is a community based marketplace that allows user to sell unwanted items direct-to-buyers. This application uses React and React-Router on the frontend. While using Express Js and MongoDB on the backend. Rummage is fully deployed using Netlify and Heroku.
- **What to watch! :** "What to watch!" was one of the first projects that I worked on. Accessing an API and displaying information on the DOM was the goal of this project. Using Technologies such as JavaScript and jQuery I was able to generate a random movie suggestion from

Mohamed Ahmed

 [LinkedIn](#) |  732-298-4227 |  [Portfolio](#) |  MohamedAhmed754@hotmail.com |  [GitHub](#)

the API. Allowing users to free up time from endless searching for a movie or TV show to watch. This website is also hosted on GitHub pages.