



# Wael Mishal Alarabi

Website: <https://waelmishal.herokuapp.com/>

## OBJECTIVE

Challenging position with a creative work environment to enhance expertise in web development, application design, and cloud database management systems.

## TECHNICAL SKILLS

- Node.js Development
- Python
- Java EE
- JSP
- C++
- C#
- JavaScript
- React JS
- jQuery
- ajax
- JSON
- HTML
- CSS
- Oracle/ Postgres / MySQL
- Mongo DB
- RESTful APIs
- GitHub
- Full-stack Development
- Hybrid Mobile Development
- Responsive Web Design

## EDUCATION

**M.S. COMPUTER SCIENCE • JANU 2017 • UNIVERSITY OF MINNESOTA**  
**B. SC COMPUTER SCIENCE • JUNE 2012 • UMM AL-QURA UNIVERSITY**

## WORK EXPERIENCE

### DEVELOPER • DATA MANAGEMENT LAB

Developing a system that analyzes tweets at the University of Minnesota.

### TEACHER • ALRAHMAH SCHOOL

Teaching computer courses in Alrahmah school.

## SYSTEM EXPERIENCE

### MOUSE BEHAVIOR AT VARYING LEVELS OF FRUSTRATION • UNIVERSITY OF MINNESOTA

A system designed to study users' frustrations in web applications by logging and analyzing users' behaviors.

### MNGEO • UNIVERSITY OF MINNESOTA

MNgeo is a mobile app for viewing details about the geology of Minnesota from data curated by the MN Department of Natural Resources. It provides information about glacial geology, depth to bedrock, and bedrock ages and rock types.

### COMMUNITY CODE SHARING • UNIVERSITY OF MINNESOTA

The basic aim of the website is to foster a community where people can share codes of different language and add description, tags, compilation details, building details, system configuration among other aspects for other to see.

### TWITTER ANALYSIS SYSTEM • UNIVERSITY OF MINNESOTA

A system implemented from scratch to efficiently scale querying, analyzing, and visualizing geotagged tweets. Supporting arbitrary queries on many archived tweets that go up to several years in the past.

### SEHATI • UMM AL-QURA UNIVERSITY

Sehati is a shared cloud system that store all patients' information along with prescriptions. This is packaged as a software called "Sehati: Health Care Cloud Management System".

## VOLUNTEER EXPERIENCE OR LEADERSHIP

**STUDENT MEMBER AT SIG-SPATIAL ACM • FEB 2015 - PRESENT**  
**VICE-PRESIDENT AT SAUDI STUDENT ASSOCIATION • MAY 2015 - SEP 2016**  
**MEMBER AT COMPUTER SCIENCE CLUB • FEB 2009 - APRIL 2012**



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