

## Saad Mourtada | Software Engineer

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Github: [TexSmex](#) | [LinkedIn](#) | [Portfolio](#)

Mechanical engineer with a master's degree and a specialized degree in Aerospace engineering. Possess several experiences in Lean Management and Software/coding (C#, JavaScript, Catia V5, Autocad, ...). Enjoys programming websites (HTML, CSS, JavaScript, jQuery and MERN stack) and improving existing technologies and solving problems. Serious, Passionate, Motivated and Quick Learner, loves to take on challenges.

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### Technical Skills -

**Languages:** HTML5 | CSS3 | JavaScript | TypeScript | C#

**Libraries:** ReactJS | Redux | jQuery | Handlebars.js

**Frameworks:** Express.js | .NET

**Runtimes:** Node.js | CLR (.NET)

**Databases:** Firebase | MySQL | MongoDB

**Testing:** Jest | Mocha | Chai

**Additional Skills:** GitHub | GitBash | Linux

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### Technical Experience-

#### Track Your Money

*An Expenses app manager website created with ReactJS, Redux and MomentJS.*

- Worked on the front-end with **ReactJS** and state saving with **Redux**.
- Tech used: JavaScript, ReactJS, Redux, CSS3 | [Github Folder](#).

#### Quaalbi

*A wedding manager website created with the MERN stack by a team of 5.*

- Worked on the front-end forms with **ReactJS**, on the back-end routes and saving/rendering data to/from **Mongodb** with the npm **Axios** and worked on setting up Autho and retrieving user info after signing in/up.
- Tech used: JavaScript, ReactJS, MongoDB, Bootstrap4 | [Github Folder](#).

#### Jaunt

*A fun places locator website created by a team of 4.*

- Worked on Importing the data from the Google Map **API** to the **UI/DB** through the routes by using **Express.js**.
- Tech used: Handlebars.js, JavaScript, MySQL, Sequelize, Bootstrap4 | [Github Folder](#).

#### TriviaGame

*A 10 Trivia Questions website about Walt Disney Cartoons and Looney toons.*

- Worked on timers, UI and DOM manipulation by using **JavaScript** and **jQuery**.
  - Tech used: JavaScript, jQuery, Bootstrap4 | [Github Folder](#).
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## Professional Experience-

### Delta Global Services

Minneapolis, MN | August 2018 - January 2018

*Supply chain Attendant*

- Warehousing and Distributing Aircraft Parts and Related Materials within the Logistics Operation.
- Searching and Ordering Aircraft Parts with **SAP**

### UTC Aerospace Systems: Ratier-Figeac

Figeac, France | April 2014 - September 2015

*Lean Project Manager (Engineer Internship)*

- Diagnosing the Aircraft's parts workshop by using **Quality Control Process Charts (QCPC)**.
- Deploying the new Lean Manufacturing Layout with **AutoCAD** by Organizing recurrent meeting with Directors, Quality Engineers and Machining Operator.

### Lesieur Cristal

Casablanca, Morocco | March 2013 - August 2013

*Lean-Sigma Manager (Engineer Internship)*

- Diagnosing the production line and Implementing the Lean Methodology to it through the calculation and monitoring of the **Overall Equipment Effectiveness (OEE)**.
- Setting up action plans to solve possible future problems emerging after the Lean Implementation.

### Cosumar

Casablanca, Morocco | September 2011 - January 2012

*Project Manager (Engineer Internship)*

- Monitoring of the development and expansion of the packaging center and participation in the preparation of:
  - The Piping & Instrumentation Diagram (PID) with **AutoCAD** and the realization planning with **MS project**.
  - Technical specifications of the new equipments and the creation of the orders and contracts.

### North Africa Bottling Company-Coca Cola

Casablanca, Morocco | September 2010 - January 2011

*Continuous Improvement Manager for the Maintenance department (Engineer Internship)*

- Preparing and Performing of an internal audit of the maintenance department.
- Evaluating the deviations obtained from the audit and preparation of action plans.

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## Education-

### University of Minnesota Continuing Education & Conference Center

Minneapolis, MN

*Full Stack Web Development Program*

- An intensive 24 weeks Certified bootcamp dedicated to designing and building web applications.

### Arts et Métiers ParisTech (Engineer School)

Bordeaux, France

*Specialized Aerospace Program*

- A 12 months Specialized Master in Aerospace Engineering.

### ENSIAME (Engineer School)

Valenciennes, France

*Mechanical Engineering Program*

- A 3 years Specialized Engineering Degree in aerodynamics and fluid mechanics .