# Subhan Naeem

Istanbul, Turkey

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## **EDUCATION**

- Middle East Technical University, Ankara (2011-2016)
  BS Mechanical Engineering
- Middle East Technical University, Ankara (2012-2016)
  Minor in Mechatronics
- Roots International School, Islamabad (2009-2011)
  A-Levels Maths (A), Physics (A), Chemistry (B)

# **EXPERIENCE AND PROJECTS**

## Full-stack Developer @ Proteams

Remote Job | Nov, 2016-Present

- UX design, interactivity and back-end integration using the ORM Sequelize
- Rest API design and database management
- Using: HTML, CSS, Bootstrap, ¡Query, Angular.Js, Total.Js, Node.Js, PostgreSQL

# **Web Development**

Personal Projects | Jun,2016-Present

- SPA (CRUD) in Angular.Js My recipes
- Twitter Interface using the Twitter API
- Scheduled Web Scraper
- IMDb Movie Search Engine using the OMDB API
- Single Page Tic-Tac-Toe game
- More information at: <u>www.subhannaeem.com/work</u>

#### **Home Security and Automation**

Group Project | Aug. 2016-Present

- Handling back-end Node.Js programming
- Communication between Broker and Clients via MQTT
- Micro-controller (Arduino, NodeMCU, ESP8266) programming
- More information at: <a href="https://www.subhannaeem.com/home-automation">www.subhannaeem.com/home-automation</a>

#### Lab assistant

Mechanical Engineering Department | METU | Jul, 2016 - Sept, 2016

- Worked on a rescue robot being developed by post-graduate Mechanical Engineering students
- Handled camera data between Windows and Ubuntu on the ROS(Robot Operating System)
- Worked on SLAM mapping using camera and Lidar

#### Robotics

Personal/Course Projects | Sept, 2012-Present

- Obstacle Avoiding Robot
- Bluetooth Android Robot
- Target-seeking catapult mechanism

# **KEY SKILLS**

- Javascript, jQuery, AJAX, HTML, Handlebars, Jade, CSS, Bootstrap
- Node.Js,, Angular.Js, MongoDB, SQL, Web Sockets, Total.Js
- Gulp, Mocha, Chai, Github, Git, Bitbucket, Webpack
- English(Native), Turkish(Intermediate)

#### **ACTIVITIES**

Motorcycles (METU Riders) | Classical Guitar (Odtü Klasik Gitar Topluluğu)

## REFERENCES

A.Buğra Koku - Assistant Professor METU - kbugra@metu.edu.tr