



# ALAA TRIKI

Software Engineering Student

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## EDUCATION



● **SEP 2018 - PRESENT** 📍 INSAT

### SOFTWARE ENGINEERING CYCLE

- Training about the methods of analysis and conduction of IT projects and software development

● **SEP 2016 - MAY 2018** 📍 INSAT

### INTEGRATED PREPARATORY CYCLE

- Training in Mathematics / Physics / Computer Science  
- Graduated to the engineering cycle with honors

● **JUNE 2016** 📍 Pioneer High School of Sfax

### BACHELOR'S DEGREE - MATHEMATICS

- with Honors

## PROJECTS



● **Platform for detecting fraud in the automobile insurance sector**

### Web / Mobile App for price estimation of spare parts after a car accident

- Development of a web scraping algorithm  
- Cleaning the recovered data  
- Improved CNN detection of parts to be repaired

**Keywords:** *Tensorflow, BeautifulSoup, Keras, Fast.AI*

● **Passenger assistance platform**

### Web / Mobile application to display flightboards, book cheap flights, and track luggage in real time

**Keywords:** *Android, JSoup, Firebase, REST API, Laravel*

## TECH. SKILLS



🧠 **DATA SCIENCE** Python, Tensorflow, Keras, Hadoop, Seaborn, Tableau, SciKit-Learn

📄 **LANGAGES & FRAMEWORKS** C++, Java, Kotlin, .NET, Spring Boot, HTML, CSS, JS, PHP, Symphony

🗄 **DATABASES** SQL, Oracle, NoSQL

⚙ **PROJECT MANAGEMENT** SCRUM, Azure DevOps, Git, Jenkins, SonarQube

📋 **MODELING** UML & Design Patterns, Merise

🎨 **GRAPHIC DESIGN** Adobe Photoshop, Adobe Illustrator

## LANGUAGES



- **ARABIC : NATIVE**
- **FRENCH : FLUENT**
- **ENGLISH : VERY GOOD COMMAND**
- **GERMAN : BASIC**

## VOLUNTEERING



- **Member of IEEE INSAT Student Branch ( Since Sep 2017 )**
- **Artistic Director of INSAT Press ( Since Sep 2018 )**
- **Distinguished Member of JCI INSAT ( Since June 2017 )**
- **Head of dev team of Tunirobots 2019 ( April 2019 )**
- **Head of Publicity of the Tunisian Students & Young Professionals Congress 2018 ( April 2018 - Dec 2018 )**
- **Media Manager of IEEE Grand Tech Congress ( March 2018 )**

## DISTINCTIONS



- **1<sup>st</sup> Place** in GOT Hackathon by Junior Enterprise ( UI/UX )
- **2<sup>nd</sup> Place** in Mobile Apps Hackathon by AGIL ( Android )
- **2<sup>nd</sup> Place** in Aeroday Challenge 2019 by Aerobotix ( Android )
- **3<sup>rd</sup> Place** in OIS Hackaton by Star Assurances ( AI / ML )
- **7<sup>th</sup> Place** in IEEE Xtreme 11.0 ( Competitive Programming )

## HOBBIES AND INTERESTS



- **ENTREPRENEURSHIP**
- **HUMAN HISTORY**