



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

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**

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*

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



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

HOBBIES AND INTERESTS



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