# LAMMOUCHI TAREK

SOFTWARE ENGINEERING STUDENT

## CONTACT INFO

✉ tlammouchi@enseirb.fr

/in/lammouchi

fb.me/tlammouchi

📞 (+33) 0780791828

🏠 7 Avenue Pey Berland, Pessac 33600, France

## PERSONAL PROFILE

A 2nd-year software engineering student passionate about algorithms and technologies, with an objective of applying it to solve real world problems. A fast learner and winner of multiple national competitions on problem-solving and competitive programming.

## EDUCATION

**Present** — **Engineer's degree (Double-diploma) in Informatics**
ENSEIRB-MATMECA
📍 Bordeaux INP, France

**2019** — **Engineer's degree in Computer Science**
National School of Computer Science (ENSI)
📍 Manouba University, Tunisie

**2017** — **Applied Licence in Information Systems and Software**
Higher Institute of Informatics (ISI Ariana)
📍 Tunis El-Manar University, Tunisie

**2014** — **Bachelor of Science in Information Technology**
Abou Kacem Chebbi High School
📍 Cité Ettadhamen, Ariana, Tunisie

## LANGUAGE SKILLS

Arabic: Native
English: C1 (TOEIC:960)
French: B2

## EXPERIENCES

**2018** — **Consultant (3 days)**
Targa Consult
📍 Attijari Bank
- Configuring Apache to host e-learning platform (moodle)
- Generating SQL report about users activities on the platform (couses, quizs, ...)
- Keywords: SQL, MSSQL, Apache, Moodle.

**2018** — **Internship (2 months)**
Carthage BusinessWare
📍 Ennasr I
- Developing an desktop application for reading passports
- Keywords: Java, FUJITSU A5 Scanner fi-65F, Abbyy Cloud OCR

**2017** — **Internship (4 months)**
STB : Société Tunisienne de Banque
📍 Tunis
- Developing a restful e-banking service to consult banking accounts, currency rate and many other operations.
- Technologies: ASP.NET/Entityframework as Backend, Angular2/Bootstrap/Typescript/GoogleMaps as Frontend, MSSql as Database, Json as Communication Protocol.
- Tools: Nanodevelop, Sublime Text, plantuml, Git, Latex.

## SKILLS

C/C++
Java/J2EE
Python/Flask
C#/ASP.NET
HTML/CSS
PL/SQL
Bash
REST API

STM32
ARM Cortex
VHDL
FreeRTOS

GNU/Linux
TCP/IP
Docker
Apache
PostgresSQL
Cloud Computing
AWS

## ACADEMIC PROJECTS

**2019** — **Custom C Compiler (myC)**
ENSEIRB-MATMECA
- Theories: parsing of non-ambiguous context-free grammars.
- Tools: GCC, Flex & Bison, Sublime Text.

**2018** — **Communication System under Linux using C**
ENSI
- Technologies: C, GTK3, POSIX, thread, socket, mutex.
- Tools: GCC, Glade, Sublime Text.
- Link: https://bitbucket.org/ensi-uma/ssscc

**2017** — **Part-time Jobs Finder for Students**
ISI Ariana
- Technologies: J2EE as Backend, AngularJS/HTML/CSS/jQuery as Frontend, MySql as Database.
- Tools: Tomcat, Eclipse, Sublime Text, PhpMyAdmin.
- Link: https://github.com/CsJ0oe/ProjetDBLL

**2016** — **Akinator: Artificial Intelligence Project**
ISI Ariana
- Technologies: Prolog for logical calculations, HTML/CSS/jQuery with AJAX as User Interface.
- Tools: SWI-Prolog, Apache, Sublime Text.

# 🏆 CERTIFICATES & WORKSHOPS

**2019** ● **DevOps & Cloud Computing Training**
Think-it

A 12h Training on building and validating Cloud Computing skills and establishing DevOps pipeline.

- Introduction to DevOps and Cloud Computing (2h)
- AWS EC2 / Terraform (3h)
- Docker / AWS EKS (3h)
- CI/CD using CodePipeline (2h)
- Serverless Rest API using chalice framework (2h)

**2018** ● **Introduction to Programming using Java**
Microsoft

- Learn the fundamentals of writing syntactically correct Java code to solve real-world programming problems.
- From the fundamental concepts and techniques to object-oriented programming, exception handling, and beyond.

**2017** ● **Certificate of Achievement: First Place**
ACM-ICPC

- First Place in The 2017 ISI Collegiate Programming Contest Higher Institute of Computer Sciences of Ariana

**2015** ● **Computer and Internet Certificate (C2I)**
ISI Ariana

- Certify the possession of skills in the use of information and communications technology by students in higher education institutions.

# 👥 ACTIVITIES

**2019**
**|**
**2015**
● **Competitive programming**
ACM ICPC

The ACM ICPC is considered as the "Olympics of Programming Competitions".
It is quite simply, the oldest, largest, and most prestigious programming contest in the world.
The contest consists of computer programming and problem-solving of algorithmic nature.

- Arab Collegiate Programming Contest, 50th place (2016,2017)
- Tunisian Collegiate Programming Contest, 10th place (2015,2016,2017,2018)
- Manouba Collegiate Programming Contest, 1st place (2018,2019)
- Higher Institute of Informatics Programming Contest, 1st place (2017)

**2019**
**|**
**2018**
● **Open Source Software ENSI Club (OSSEC)**
ENSI

- The club's goal is to promote the open source culture between the students of the ENSI which is essentially based on sharing and exchange.
- It aim to ensure a work and development environment that prepares our members for professional life.

**2018**
**|**
**2017**
● **Cyber Security Club (CSI)**
ENSI

- The club's main purpose is to provide students who are interested in cybersecurity with the technical resources needed to advance their computer security careers.

**2017**
**|**
**2014**
● **Freeways ISI Club**
ISI Ariana

- The philosophy of the Club is that the use of computers should not lead to people being prevented from cooperating with each other.
- In practice, this means rejecting "proprietary software", which imposes such restrictions, and promoting free software, with the ultimate goal of liberating every computer user.