



IMEN SOUISSI

Department of Computer Engineering,
Eastern Mediterranean University,
Famagusta, TRNC, Mersin 10, Turkey

Email: imensouissi62@gmail.com / imen.souissi@emu.edu.tr

PERSONAL INFORMATION



 **Current location** DAU4, EMU, Famagusta, Cyprus
 **Mobile#** +21653533291
Date of birth 06/11/1993
Place of birth Tunis, Tunisia
Passport # Y614432

RESEARCH INTERESTS

Artificial Intelligence, Machine learning, medical Signal processing, Image processing, Algorithms & analysis, Optimization, Constraint Solving Problems, Metaheuristics, Biometrics.

EDUCATION

MS (Last semester) (In English), Computer Engineering, Eastern Mediterranean University, TRNC, Mersin 10, Turkey (2020-2021)

- Thesis title: ECG signals classification Using adversarial neural networks (PYTHON) (In Progress)
- Supervisor: Assoc. Prof. Dr. Adnan Adcan
- CGPA: 4.00/4.00

BSc (Graduated) (In French), Computer Science, Faculty of Sciences, University of Sfax, Tunisia (2014-2016)

- First year average: 13.51/20
- Second year average: 13.89/20
- Third year average: 13.69/20
- Graduation Project: Realization of the Simulated Annealed Meta - Heuristic: Application to the assignment problem.(JAVA & OPL) (Graduated very good)
- Supervisor: Mohamed Tahar Bhiri

High School (Graduated pretty well) (In French and Arabic): Technical Science, Mourouj6, Ben Arous, Tunisia (2012)

ACADEMIC

Undergraduate projects:

- Create a smart browser by using JEE and Voice recognition (JAVA)
- Create a web service to manage hotels in the all country. (HTML, CSS, PHP, JAVA SCRIPT, XML)

Master Research projects:

- Presenting articles about biometrics. For example methods used for face recognition, print recognition and eye recognition. Also, make comparison between those methods (LDA vs PCA). (computer engineering department)
- Implementing LDA method for face recognition (MATLAB) (computer engineering department)
- Develop a deduction system (PROLOG) (computer engineering department)
- Implementing a program that finds an air route between cities in Europe under some constraints. (PROLOG) (computer engineering department)
- Applying Genetic Algorithm and Local Search Algorithm on Quadratic assignment problem.(MATLAB) (computer engineering department)
- Using ANOVA table and statistical analyses to minimized the depth of crack on the metal (Aluminum). (SPSS, Minitab and Excel) (Industrial engineering department)

Programming Languages

- Procedural programming: C, C++, Java, Pascal, C#.NET Framework, PYTHON, MATLAB
- Semi-formal modeling: UML
- Scripting languages: HTML, CSS, PHP, JAVA SCRIPT, XML
- Constraints programming (in Graduation Project): OPL.
- Design method: AGILE method.
- Database query language: MY SQL.
- Low level programming language: ASSEMBLER, VHDL.
- Logic Programing: PROLOG
- Formal Language: B

APPOINTMENTS

Jobs

- Research Assistant, Department of Computer Engineering, Eastern Mediterranean University, TRNC, Mersin 10, Turkey (2/2020 - 7/2021)
LINK: <https://cmpe.emu.edu.tr/en/about-us/staff/staff-detail?sid=267&n=imen-souissi>
- Student Assistant at Preparatory school of foreign languages, Eastern Mediterranean University, TRNC, Mersin 10, Turkey. (2019)
- Office agent (invoicing-accounting - archive) in the Maghreb service company. (04/2017 - 08/2017)
- Technician in computer science At Info Speed System. (09/2017 - 02/2018)
- Technician in computer service in Stibois. (06/2019 - 08/2019)

Internships

- Worker in the IT department at Sagem com Tunisia (I developed an application that allows to manage the stock of different types of printers) (06/2015 - 07/2015)
- Worker in the computer service at Sofima Filters. (03/2018 - 07/2018)

TEACHING EXPERIENCE & LAB TUTORIALS (ABET standard)

First Year BS:

- CMPE+CMSE 107 Foundation of computer engineering (PYTHON)
- CMPE 108 Algorithm & Programming (C)
- CMPE+CMSE 112 Programming Fundamentals (C)

Second Year BS:

- CMPE+CMSE 211 Object Oriented Programming (JAVA)
- CMPE 224 Digital Logic Design (VHDL)
- CMPE+CMSE 231 Data Structures (C)

Third Year BS:

- CMPE 371 Analysis Of Algorithms
- CMSE 321 Software Requirements Analysis And Specification
- CMSE 322 Software Design
- CMSE 326 Software quality assurance & testing
- CMSE 318 Principal of programming Languages (PYTHON)

Forth Year BS:

- CMPE 410 Principal of programming Languages (PYTHON)
- CMSE 443 Real Time System Design (MATLAB)

PERSONAL SKILLS AND HOBBIES

Languages

- English: Fluent
- French: Fluent
- Arabic: Native
- Italian: Beginner
- Turkish: Beginner

Hobbies

- Gardening
- Cycling
- Swimming

REFERENCES

Assoc. Prof. Dr. Adnan Acan (Supervisor)

Department of Computer Engineering,
Eastern Mediterranean University,
Via Mersin 10, Turkey.
Email: adnan.acan@emu.edu.tr

Assoc. Prof. Dr. Zeki Bayram

Department of Computer Engineering,
Eastern Mediterranean University,
Via Mersin 10, Turkey.
Email Id: zeki.bayram@emu.edu.tr

Assoc. Prof. Dr. Mohamed Tahar Bhiri

Computer Science, Faculty of Sciences,
University of Sfax, Tunisia.
Email Id: tahar_bhiri@yahoo.fr