

Hayet TLIJANI

CIN: 06144240

ATCT cv code: 2019000529

Birth date: 05.04.1977

Civility: Mrs

Civil status: Married

Address: ISET, Campus universitaire Sidi Ahmed Zarroug - Gafsa - 2112

E-mail: tljanihayet@live.fr

Phone number: (+216) 52382577

Field

Computers, Media and Telecommunications

Software and programming

Computing

The Systems Information

Education in the Field of Computer, Media and

Communication

Education

2014

Diplôme du doctorat - National School of Engineering of Tunis

Level of studies: Higher Education

2008

Diplôme de mastère de recherche - National School of Engineering of Tunis

Level of studies: Higher Education

2002

Diplôme d'études supérieures spécialisées CESS - National School of Computer Sciences

Level of studies: Higher Education

2000

La maîtrise - Higher institute of Management of Tunis

Level of studies: Higher Education

1996

Diplôme du baccalauréat - *****

Level of studies: Baccalaureate

Training

01.02.2002 - 30.03.2002

Higher Institut of Technologies of Nabeul

■ Pedagogic trainee as technologist assistant

- Organism: Higher Institut of Technologies of Nabeul
- Department: Computer technology
- level : second class of bachelor student
- Activities :
 - Establish plans for the course and TPs for study unit of logic systems and Microprocessor,
 - Teaching a course syllabus of Microprocessor,
 - Carry out manipulation in the logic system (a one-bit UAL).

01.07.1999 - 31.08.1999

Groupe Chimique Tunisien, factory of M'dhilla, Tunisia.

- Technician trainee as analyst and developpeur
- activities
 - Design and implementation of a stock management application using Oracle 8 and Developer 2000 forms.
- Organism : Groupe Chimique Tunisien, factory of M'dhilla, Tunisia.
- Department : Computer division

Work experience

28.10.2016 - Today

technologist professor - Higher Institute of Technology of Gafsa

- teaching courses of study units :
 - Software Engineering for second class of computer science bachelor
 - IT Project Management for third class of computer science bachelor,
 - Service Oriented Architecture for the third class of computer science bachelor,
 - Java 8 Certification (OCA : Association Certificate Oracle) for the third class of computer science bachelor
 - Java 8 Certification OCP (Programming Certificate Oracle) for the third class of computer science bachelor
 - Embedded systems for the first class of computer science bachelor
 - Method of object-oriented design for the third class of computer science bachelor
- tutorials for study units :
 - Software Engineering for second class of computer science bachelor
 - IT Project Management for the third class of computer science bachelor,
 - Service Oriented Architecture for the third class of computer science bachelor,
 - Java 8 Certification (OCA: Association Certificate Oracle) for the third class of computer science bachelor
 - Java 8 Certification OCP (Programming Certificate

Oracle) for the third class of computer science bachelor

- Embedded systems for the first class of computer science bachelor

- Method of object-oriented design for the third class of computer science bachelor

- Practical work :

- Software Power AMC Designer and Rational Rose for the second class of computer science bachelor,

- Planning projects with MS project 2013 for the third class of computer science bachelor,

- Web Programming JEE using: Eclipse, MySQL, Java8, Tomcat, Framework Spring MVC for the third class of computer science bachelor,

- C# programming using: Microsoft Visual Studio 2015 and SQLServer 2012 for the third class of computer science bachelor,

- VB.Net using: Microsoft Visual Studio 2015 and SQLServer 2012 for the third class of computer science bachelor,

- Web Service programming SOAP and REST using: Eclipse, Java 8 and Tomcat for the third class of computer science bachelor,

- supervision of the end-of-studies projects and final year project for students of the computer science department

- training supervision for students of the computer science department

- participation in the member of the jury for the end-studies of projects and trainee in the computer science department,

06.09.2004 - 27.10.2016

technologist assistant professor - Higher Institute of Technology of Gafsa

- Teaching courses in study units :

- Algorithms and data structures for the first class of computer science bachelor,

- Operating Systems for the first and the second class of computer science bachelor,

- Computer Architecture and Microprocessor Intel 8086 for the second class of computer science bachelor,

- Software Engineering for the second class of computer science bachelor,

- C Programming for the first class of computer science bachelor,

- Software architecture for the third class of computer science bachelor,
- IT Project Management for the third class of computer science bachelor,
- Service Oriented Architecture for the third class of computer science bachelor,
- N-tiers Architecture for the third class of computer science bachelor.

- tutorials for study units :

- Algorithms and data structures for the first class of computer science bachelor,
- Operating Systems for the first and the second class of computer science bachelor,
- Computer Architecture and Microprocessor Intel 8086 for the second class of computer science bachelor,
- Software Engineering for the second class of computer science bachelor,
- C Programming for the first class of computer science bachelor,
- Software architecture for the third class of computer science bachelor,
- IT Project Management for the third class of computer science bachelor,
- Service Oriented Architecture for the third class of computer science bachelor,
- N-tiers Architecture for the third class of computer science bachelor.

- Practical work :

- Software Power AMC Designer and Rational Rose for the second class of computer science bachelor,
- MS-Dos and Windows for the first class of computer science bachelor,
- Assembler Programming of microprocessor Intel 8086 for the first second of computer science bachelor,
- Planning projects with MS project 2010 / 2013 for the third class of computer science bachelor,
- Web Programming using: Netbeans, MySQL, Java, Tomcat for the third class of computer science bachelor,
- C# programming using: Microsoft Visual Studio 2015 and SQLServer 2012 for the third class of computer science bachelor,
- VB.Net using: Microsoft Visual Studio 2015 and SQLServer 2012 for the third class of computer science bachelor,
- C programming using the integrated development environment Microsoft Visual Studio 2010 for the third class of computer science bachelor,

- charge of the study unite of the operating system for the

first and second class of computer science bachelor,

- supervision of the end-of-studies projects and final year project for students of the computer science department
- training coordination and supervision for students of the computer science department
- participation in the member of the jury for the end-studies of projects and trainee in the computer science department,
- presentation of a workshop on pedagogic planning course
- the organization of a workshop on Web programming JEE

06.09.2002 - 06.09.2004

Technologist Associate Professor - Higher Institute of Technology of Gafsa

- Teaching courses in study units :

- Algorithms and data structures for the first class of computer science bachelor,
- Operating Systems for the first and the second class of computer science bachelor,
- Computer Architecture and Microprocessor Intel 8086 for the second class of computer science bachelor,
- C Programming for the first class of computer science bachelor,

- tutorials for study units :

- Algorithms and data structures for the first class of computer science bachelor,
- Operating Systems for the first and the second class of computer science bachelor,
- Computer Architecture and Microprocessor Intel 8086 for the second class of computer science bachelor,
- C Programming for the first class of computer science bachelor,

- Practical work :

- MS-Dos and Windows for the first class of computer science bachelor,
- Assembler Programming of microprocessor Intel 8086 for the first second of computer science bachelor,
- C programming using the integrated development environment Microsoft Visual Studio 2010 for the third class of computer science bachelor,

- training supervision for students of the computer science department

- participation in the member of the jury for the end-studies of projects and trainee in the computer science department,

Personal skills and competences

JEE: Excellent

ADA programming language for software engineering and data structure: Excellent

Number of years: 6

project management and MS project: Excellent

Number of years: 5

JEE software architecture and Spring framework: Excellent

Number of years: 6

Micro-service architecture: Good

Number of years: 3

Service Oriented Architecture and programming web service SOAP and REST: Excellent

Number of years: 5

programming embedded system using Arduino and Python: Good

Number of years: 4

Web programming using : Servlet, Socket, HTML, CSS et Bootstrap: Excellent

Number of years: 6

Java 8: Good

Number of years: 6

Eclipse: Good

Number of years: 6

MySQL: Good

Number of years: 6

Oracle: Good

Number of years: 7

SQLServer : Good

Number of years: 5

C: Excellent
Number of years: 10

C++: Excellent
Number of years: 10

Microsoft Visual Studio: Excellent
Number of years: 10

Framework .Net: Satisfactory
Number of years: 3

C#: Good
Number of years: 5

Languages

Arabic: Good

English: Excellent

French: Excellent

Italian: Fair

Summary

Scientific publication :

- Hayet T., Knani J. (2019) SOAP-Based Web Service for Localization of Multi-robot System in Cloud. In: Arai K., Kapoor S., Bhatia R. (eds) Intelligent Computing. SAI 2018. Advances in Intelligent Systems and Computing, vol 857. Springer, Cham

- Tlijani Hayet, Tlijani Hatem, Knani Jilani: Navigation control of a mobile robot under time constraint using Genetic algorithms, CSP techniques and Fuzzy Logic. Handbook of research on Advanced Intelligent Control Engineering and Automation, A volume in the Advances in Computational Intelligence and Robotics (ACIR) Book Series, 2015, pp 475-496, DOI: 10.4018/978-1-4666-7-48-2.ch017.

- Hayet Tlijani, Jilani Knani, K.Nacer M'sirdi: Hybrid Algorithm combining Genetic algorithms and CSP approach to plane an Optimized path for a Mobile Robot moving under Time Window, IOSR: Journal of Computer Engineering (e-ISSN: 2278-0661, p- ISSN: 2278-8727), Volume 16, Issue 3, Ver. III (May-Jun. 2014), PP 74-83.

- Tlijani hayet, Tlijani hatem, M'sirdi K.Nacer, Knani Jilani :
New Fuzzy CSP for an Optimized Mobile Robot's Path
Tracking using Genetic Algorithms, International Journal of
Computer and Information Technology (ISSN: 2279 - 0764),
Volume 03- Issue 03, May 2014, pp 523-531.

Conferences:

- A navigation model for a multi-robot system Based on
Client/Server model: Codit2016, Control, Decision and
Information Technologies, April 6-8 2016, Saint Julian's,
Malta (indexed Scopus)

- Navigation control of a mobile robot under time constraint
using the fuzzy logic: CEIT'14, International Conference on
Control, Engineering & Information Technology, March 22-
25, Monastir, Tunisia.

- Optimisation d'une trajectoire pour un système multi-robot
en modèle client/serveur utilisant les algorithmes
génétiques : ROADEF 2013, La 14ème conférence ROADEF
de la société Française de Recherche Opérationnelle et Aide
à la Décision, Février 2013, Troye, France.

- Optimization of a mobile robot's tracking with time
windows using hybridization of genetic algorithms with CSP
approach : META'12, International Conference on
METAheuristics and Nature Inspired Computing, October
2012, Sousse, Tunisia;

- Optimization of a path tracking for a mobile robot using
genetic algorithms and artificial potential field approach :
CCCA'2011, International Conference on Communications,
Computing and Control applications, March 2011,
Hammamet, Tunisia;

Framing end study thesis:

- 2004-2005 :

Subject : design and implementation of electronic Document
management application

level : bachelor in computer science

département :computer technology

organisme: higher Institut technologies Study of Gafsa and
Phosphates Company of gafsa Tunisian

- 2005-2006 :

sujet: design and implementaion of an e-learning plateforme

level : bachelor in computer science

département :computer technology

organisme: higher Institut of technologies Study of Gafsa

- 2008-2007 :

design and implementation of distant electronic control card for weighing phosphate

level : bachelor in computer science

département :computer technology

organisme: higher Institut technologies Study of Gafsa and Phosphates Company of gafsa Tunisian

- 2008-2009 :

subject : design and implementation of managing application of a tank of water

level : bachelor in computer science

département :computer technology

organisme: higher Institut technologies Study of Gafsa and Phosphates Company of gafsa Tunisian

- 2009-2010 :

Subject : design and implementation of modulation AM/FM simulator

level : bachelor in computer science

département :computer technology

organisme: higher Institut technologies Study of Gafsa

- 2011-2012 :

subject : design and implementation of a Web application for online car-pooling

level : bachelor in computer science

département :computer technology

organisme: higher Institut technologies Study of Gafsa

- 2015-2016 :

subject : design and implementation of an Android application dedicated to hypermarket customer

level : bachelor in computer science

département :computer technology

organisme: higher Institut technologies Study of Gafsa

- 2015-2016 :

subject : design and implementation of a Web JEE application for on-line bank management.

level : bachelor in computer science

département :computer technology

organisme: higher Institut technologies Study of Gafsa

- 2016-2017 :

subject : design and implementation of an application for localisation of multi-robot system in Cloud using Web service SOAP

level : Computer engineering

department :Sftware engineering

organisme : Private higher school of engineering (ESIP) of Gafsa

- 2016-2017 :

Subject : design and implementation of a BI module in an ECM software package

level : Computer engineering

department : Software engineering

organisme : Private higher school of engineering (ESIP) of Gafsa

- 2016-2017 :

subject: design and implementation of a maintenance module in an ERP

level: Computer engineering

department: Software engineering

organism: Private higher school of engineering (ESIP) of Gafsa

-2016-2017

subject : design and implementation of a management application of virtual coins using blockchain technology.

level: Computer engineering

department: Software engineering

organism: Private higher school of engineering (ESIP) of Gafsa

Hobbies

- robotic - software architecture for embedded system -
cinema - theater