

CURRICULUM VITAE

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EDUCATION

2017-Present **B.Sc. (Hons) Applied Computing in The Internet of Things**
Waterford Institute of Technology

MODULES

Semester one	Semester two
Programming fundamentals 1 (Java)	Programming fundamentals 2 (Java)
Website development	Computer systems 2
Computer systems	Applied calculus
Computer industry	Web App development
Physics 1	Physics 2
Discrete mathematics	Project semester 2
Semester three	Semester four
Data structures & Algorithms 1 (Java)	Data structure & Algorithms 2 (Java)
Relational database	Applied cryptography
Computer networks	IoT standards & Protocols
Mathematical methods	Statistics & Probabilities
Electronic devices & Systems	DC/AC Fundamentals
Project semester 3	Project semester 4
Semester five	Semester six
Web App development 2	<u>WORK PLACEMENT</u>
Developer operations	
Embedded software development	
NoSQL databases	
Measurement systems	
Project semester 5	

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TECHNICAL SKILLS

Programming	Python, Java, HTML, CSS, JavaScript, MongoDB.
Software	MySQL, AWS, GitHub, eclipse, Node.js, React, RoboRealm, Scilab, Packet Tracer.
Other	Electronics and Robotics basics, RaspberryPi, Arduino, Pycom (Adafruit), MQTT, IFTTT, Windows command prompt, Linux terminal, OpenCV.

PROJECTS

- Lampbot with emotion recognition (Robotics) – Published on siliconrepublic.com (<https://www.siliconrepublic.com/machines/lampbot-wit-home-robot-assistant>)
- Smart LEDs controller (IoT)
- Car to Car communication (IoT)
- Gym system Application (Java)
- Restaurant booking system (Java)
- Bird image analysis (Java)
- Game of thrones route finder (Java)
- Tic Tac Toe game (Java)
- Building a printed circuit board PCB (Electronics)

EMPLOYMENT

2017 – 2019 **Kambo oriental restaurant** – Kitchen worker - Waterford

- Preparing the kitchen for the chefs
- Checking the orders for the waitresses and the delivery drivers
- Ensuring that the hygiene regulations are met in the kitchen and the cold room

2015 – 2016 **Fitzwilton hotel** – Kitchen porter - Waterford

- Washing the kitchen utilities
- Cleaning the kitchen, the cold room and corridors
- Ensuring that the waste recycling regulations are met

2013 - 2015 Ordinateur Dijonnais - Maintenance technician - France

- Fixing minor problems in PC`s and laptops
- Training the IT students doing their work placement in the workshop
- Installing the operating systems and software
- Doing the Microsoft office work for people in need (Word, Excel, PowerPoint)

2013 **La Halle technologique** - Lab technician (Food workshops) - France

- Making the applesauce, strawberry jam, yogurt, brioche, baguette and pasteurised milk
- Checking the pH and humidity, expiry date of the food products
- Train students the above jobs

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SKILLS

- Integrated easily into new culture and multilingual (English, French and Arabic)
- Ability to work hard as part of a team or on own initiative
- Excellent communication and critical thinking

VOLUNTEERING

2010 – 2012 **French Red Cross**

- France

- Translator into Arabic, French and English in an integration centre
- Renovation of a learning centre

INTERESTS

Drawing Learning new languages Reading Travelling Playing chess

REFERENCES

References available upon request