

Software Development Engineer

Employment

▪ **Mobile Software Engineer - IoT at Electrolux, Malaysia**

Mar 2019
Sep 2020

- Implemented three **advisory features** in **Electrolux Life app** by designing, developing, and deploying their backend (**NodeJS REST APIs**), **implementing UIs and logic**, and **working with UX team in designing the flow** for Weather Advisory feature.

- Worked on **native iOS and Android apps integration within Electrolux hybrid app** for two products (air conditioners and air purifier monitoring apps).

- Worked closely with IBM team and other vendors to align on development progress applying **Scrum framework**.

Technical environment: Ionic4/ NodeJS /Angular/ IBM Cloudant / IBM MFP / API Connect

▪ **C#/WPF Developer Intern at Microsoft, Tunisia**

Jan-Jun
2016

- Designed a **WPF Kinect application for home workouts** by defining product specifications and **writing the detailed design** with **UML**, then setting up the database design and high-level application design.

- Developed the application by exploring the **Kinect for Windows SDK** then implementing all features in C#.

Technical environment: C#/ XAML/WPF/ Windows Azure / Kinect SDK / TFS / MVVM / UML.

▪ **Symfony3 / PHP Developer Intern at Aqui Tem Bico, Brazil**

Jun-Sep
2017

- Improved the performance of an existing php web application.

- Developed a **Symfony3 job search web application** and improved other existing Symphony apps.

Technical environment: PHP/Symphony / HTML5 and CSS3/ MySQL / AJAX and jQuery.

▪ **JavaEE Spring developer intern at Attijari Bank, Tunisia**

Jun-Oct
2014

- Wrote specifications for a project management web application.

- Contributed to the development of the application by creating JSF user interfaces.

Technical environment: JavaEE(EJB,JSF,JPA)/ Spring3 / Hibernate /MVC/ MySQL.

Education

Master's in Software Engineering (Speciality: Mobile Software Engineering)

at the Private Higher School of Engineering and Technology, [ESPRIT Tunisia](#) 

2016/2019

Courses: *Software design, Software engineering, Design patterns, Agile scrum development, Web services and n-tier architectures, JavaEE, Java, Dotnet, C#, iOS, Android, Unity, Web development, Security, Database administration, IoT, Computer vision, Artificial intelligence, Networking, Maths, Graphs, Linear programming, Complexity, Algorithmics, Project management, Financial analysis, Entrepreneurship and innovation.*

Bachelor of Science in Computer Science Fundamentals

at the Higher Institute of Computer Science and Mathematics, [ISIMM Tunisia](#) 

2012/2015

Courses: *Algebra and Analysis, Algorithmics and data structures, OOP, Operating systems, Networking, Operational research, IA fundamentals, Embedded systems, Digital logic systems, Computers architecture, Graphs Compilation, Software design, Software engineering, Entrepreneurship.*

Certifications

Feb 2016 | **Microsoft Technology Associate - MTA: Software Development Fundamentals** [↗](#)
-Understanding core programming and object oriented programming.
-Understanding databases, web applications and desktop applications.

Apr 2016 | **Microsoft Certified Professional - MCP: Programming in HTML5 with JavaScript and CSS3** [↗](#)
-Understanding core programming and object oriented programming.
-Understanding databases, web applications and desktop applications.

Apr 2016 | **Cisco Certified Network Associate - CCNA: Introduction to networks** [↗](#)
-Building and configuring networks / accessing networks.
-Subnetting IP networks / configuring several networking services.

Additional Experience And Awards

2015 | **Microsoft Student Partner at Microsoft**
-Rewarded as best MSP of the year 2015 among 40 MSPs.

2016 | **Communication Cell Chief at Enactus**
2018 | -Participated in Enactus World Cup finals.