

Software Development Engineer

Education

Engineer's degree in Computer Science (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, Java EE, Java, Dotnet, C#, iOS, Android, Unity, Cross platform, Web development, Security, Database administration, Networking, Computer vision, Artificial intelligence, IoT, 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, Statistics, Operating systems, Networking, Operational research, IA fundamentals, Embedded systems, Digital logic systems, Computers architecture, Data transmission, Graphs, Compilation, SGBD, OOP, Software design, Software engineering, Entrepreneurship.

Employment

- C# / WPF developer intern at Microsoft

Jan 2015 - Designed a **WPF Kinect application for in-home workouts** by defining product specification and **writing the detailed design** with **UML**, then setting up the database design and high-level application design.
Jun 2015 - 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.

- Java EE Spring developer intern at Attijari Bank

Jun 2014 - Wrote specifications for a project management web application.
Sept 2014 - Contributed to the development of the application by creating JSF user interfaces.
Technical environment: Java EE (EJB, JSF, JPA) / Spring3 / Hibernate / MVC / MySQL.

- Symfony3 / PHP developer intern at AquitemBico

Jun 2017 - Improved the performance of an existing php web application.
Oct 2017 - Developed a Symfony3 job search web application and improved other existing Symfony apps.
Technical environment: PHP / Symfony / HTML5 and CSS3 / MySQL / AJAX and jQuery.

Technical experience

Selected side-projects :




- Android application - iKotlin

Nov 2017 | - Integrating and managing a number of **3d party libraries and SDKs for Android**. (Linkedin SDK for Android, Facebook Graph API, Volley API, Google GSON and more)
- **Building and hosting a restful API** for backend with php Symfony.
- **Publishing Android apps** to Google Play store.
Technologies and tools: Java, REST, Android studio, Postman, Linkedin SDK for Android.



- Android library - Expandit

Jun 2018 | - Writing clean reusable Java code to be published as an Android UI component.
- **Distributing Android libraries** to mavenCentral.
Technologies and tools: Java, Android, Gradle, Sonatype OSSRH, Github.

Certifications

- | | |
|----------|---|
| Feb 2016 | <u>Microsoft Technology Associate - MTA: <i>Software Development Fundamentals</i></u>  <ul style="list-style-type: none">- Understanding core programming and object oriented programming.- Understanding databases, web applications and desktop applications. |
| Apr 2016 | <u>Microsoft Certified Professional - MCP: <i>Programming in HTML5 with JavaScript and CSS3</i></u>  <ul style="list-style-type: none">- Implementing and manipulating document structures and objects / Implementing program flow.- Accessing and securing data: validating user input / consuming and transmitting data. |
| Nov 2016 | <u>Cisco Certified Network Associate - CCNA: <i>Introduction to networks</i></u>  <ul style="list-style-type: none">- Building and configuring networks / accessing networks.- Subnetting IP networks / configuring several networking services. |

Additional experience and Awards

- | | |
|-----------|---|
| 2013/2015 | <u>Microsoft Student Partner</u> at <u>Microsoft</u>  <ul style="list-style-type: none">- Rewarded as best MSP of the year 2015 among 40 MSPs. |
| 2016/2018 | <u>Communication cell chief</u> at <u>ENACTUS</u>  <ul style="list-style-type: none">- Participated in Enactus World Cup finals 2016. |