

Chadi El Masri

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Work Experience

- Software Engineer** **Murex S.A.S** **Jul 2012 - Today**
- Introduced **Distributed Tracing** on top of the new **Spring Boot** REST services, and worked towards the production readiness of the **monitoring** framework.
 - Worked on various architecture-related developments in the Workflows module, that produced structured and testable code with improved benchmark times.
 - Led **Continuous Integration** and automated various aspects of the development workflows.
 - Implemented a wide array of productivity tools that enhanced the daily lives of my colleagues.
- Software Developer (Intern)** **Deutsches Zentrum für Luft- und Raumfahrt** **Jul 2011 - Aug 2011**
- Developed a highly configurable Java Applet for displaying data on a world map, with different visualisation modes and map manipulation.
- Software Developer (Intern)** **Engineering Design and Manufacturing** **Jul 2009 - Aug 2009**
- Developed a Web-based business dashboard for mobile devices.

Education

- Bachelor of Engineering** **American University of Beirut** **Jun 2012**
- Bachelor in **Electrical and Computer Engineering**, with an emphasis on Software Engineering and Computer Networks.

Technical Skills

- **Programming Languages:** Java (Advanced), Python / Ruby / JavaScript / C++ / C# (Used on multiple occasions)

Projects

- **Jenkins Additional Metrics Plugin (Java):** Provides additional metrics for Jenkins List Views, such as Failure/Success Rates, Min/Max durations, and Uptime/Downtime.
- **Home Dashboard using Dashing/Smashing (Ruby):** Built a Dashboard using a Raspberry Pi, a 7" screen, and a motion detector. Also implemented the necessary widgets for Dashing/Smashing, including **Nearby Public Transport**, **Tasks**, **Birthdays**, **Air Pollution**, and Jenkins builds.
- **Lebanese Channels Playlist/EPG (Python):** A web service that aggregates multiple channels into one m3u8 playlist, and fetches the EPG data from each channel's respective website. Can be used on a media player that supports m3u8 streaming such as Kodi or VLC.
- **Various Contributions to Open Source Software:** Jenkins Build Monitor Plugin (Java), Kodi IPTV Simple Plugin (C++), jBPM (Java).

Miscellaneous

- **Languages:** English & French (Fluent), Arabic (Native)