Dammaretz Theo

Full Stack Developer

in /in/theodammaretz

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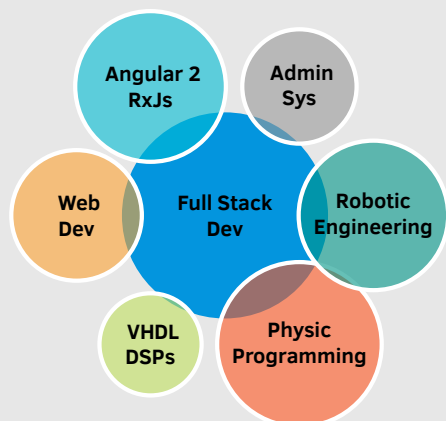
🌐 https://dammaretz.fr

✉ theo@dammaretz.fr

Skills

- Angular 2 RxJs
- Admin Sys
- Web Dev
- Full Stack Dev
- Robotic Engineering
- VHDL DSPs
- Physic Programming

Interests

Web Developer

Software Engineering

Embedded Systems

Performance optimizing

Languages

JS, TypeScript, RxJs, Angular2

C

PHP, HTML5, CSS3

C++, Java

VHDL, Verilog

Education

June 2016	**MSc., Embedded Systems Engineering** France	Grenoble INP - ESISAR
June 2014	**BEng., Embedded Systems Engineering** France	Grenoble INP - ESISAR

Languages

- French: Mother tongue
- English: Fluent
- Japanese: Notions

Research

2015 - 2016 Graduate Researcher — Tohoku University
Sendai, Tohoku, Japan

- Developed a versatile simulation model to analyze interactions between DNA monomer.
- Proposed a new way to quickly develop simulated test for DNA researchers
- Member of the winning international contest, BIOMOD, team 2015.

Experience

Oct 2016 - Present

Full stack Lead Developper — Le Courrier de Russie
Moscow, Russia

- In charge of the development website and other software frameworks,
- Optimized websites for compliance with ARIA standard, SOE optimization and perceived performance by the user. In one year, the journal's website increase it's search engine placement, got ARIA compliant. The website loading got 300% faster while getting more functionalities. This was achieved through multiple asynchronous loading, scripts optimizing, "Over the fold" priority or Web App behavior (Service Workers, Notifications...).
- Developed an Angular 2 application for Internal Purposes. Support Firebase real time database through RxJs integration.

Jan 2015 - June 2015

Full Stack Developer — Synergetik
Valence, France

- Designed and developed a complete stack of monitoring solution for solar panel installations.
- Implemented the final solution covering all possible chain aspects: Starting with embedded solution programmed in C for serial readings to NoSQL databases and a website built with Symfony 2 & Boostrap enabling the owner to manage and optimize solar farms.

Jul 2013 - Aug 2013

Embedded Systems Developer — Full Electronic System
Grenoble, France

- Modified a product of the company to include Plug & Play compatibility. The final product include multiple method to be accessible remotely without any configuration required from the user. *UDP Hole punching*, *UPNP port managing* or *Rendez-vous servers* were explored and tested.