Ismail Guedira

Engineering student in Integrated Electronic Circuits

Route de Cossonay 112
1008 Prilly - Suisse
✆ *+33 6 22 45 51 93*
✉ ismail.guedira@phelma.grenoble-inp.fr

Education

2013 – Present — **Engineering School at Grenoble Institute of Technology**.
- Exchange student at EPFL (École Polytechnique Fédérale de Lausanne).
- Specialization program on Integrated Electronic Systems, studying digital,analog integrated circuits and RF designs

2011 – 2013 — **Post-secondary preparatory school**, *Lycée Descartes*, Tours.
Two-year intensive program in mathematics and physics preparing for the national competitive exam for entry to engineering schools

Experience

Sept. 2015 Present — **Design of a Bandgap tension reference, EPFL**, *Neuchâtel*, Suisse.
Semester project with the ESPLAB (Electronic and Signal Processing Laboratory), the main purpose of this project was the design of tension reference weakly sensitive to power supply, parasitic noise and temperature varation.

May 2015 to August 2015 — **Rolls-Royce Civil Nuclear Instrumentation & Control**, *Meylan*, France,
Internship period (4 months).
Integrate Mathcad software into the electronic process flow.
With the joint effort of the whole electronic design team, we established an efficient methodology to use Mathcad for time and efficiency saving

February 2015 to April 2015 — **Project : Design of Analog-to-Digital Converter**.
During a mixed analog and digital project,I have achieved every steps from system study to the layout.

August 2014 — **ST Microelectronics**, *Crolles*, France,
Internship Period (5 weeks).
During these weeks in a clean room through night shifts, I was responsible for preaparing test wafers for the different units in the Crolles plant.

February 2014 to February 2015 — **Vice-President at the Junior Entreprise**.
- Manage a team of 38 people,
- Organisation of the School - Frim Forum,
- Prospecting new partners and negociate contracts,
- Recruitement and Formation of the new team,
- Presenting the association in various events and forums

Skills

Computer Science — Programmation en langage C : Réalisation d'un émulateur de microprocesseur MIPS

Software — Modélisation et simulation de circuits analogique et numérique avec **Cadence**, de circuits de communications numériques avec **Matlab** et **Simulink** et de circuits micro-ondes avec **ADS**

Anglais — **fluent – BULATS - C1 83 / 100**

Intersts

Basket-Ball — Pratique régulière en club pendant 10 ans et dans le cadre du sport universitaire actuellement