French student in computer science & microelectronics engineering

Julien MASTRANGELO

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PROFILE STATEMENT

As a rigorous and motivated engineering student from St-Etienne School of Mines, I am recognized for my ability to fit into a work team. I have a taken part in a variety of projects such as building a model car capable of staying between 2 lasers beams independently or creating a business plan for a new indoor connected warehouse.

EDUCATION

2019 – 2022 **ISMIN | Mines de St-Etienne (Campus Georges Charpak, Gardanne)**

Engineer specialising in microelectronics & computer science. Analogic electronics, digital electronics, microcontroller systems, C. System programming, signal processing, probabilities, linear system theory, graphs and optimization. Corporate vision and strategy, relationship development.

2017 – 2019 **Preparatory classes | Lycée Pothier (Orléans)**

MPSI – MP*. Two-year intensive preparation for the national competitive entrance exams to leading French engineering schools. Maths, physics, computer science. (120 ECTS credits)

2017 **Scientific French baccalauréat | Lycée Jean Zay (Orléans)**

With honours, maths, physics, natural sciences, intensive English.

WORK EXPERIENCE

JANUARY 2020 **Trainee | NPS Diesel (Antibes, France)**

I worked with a technical team to repair diesel power generators on yachts.

AUGUST 2019 **Digger | Departmental Archaeology Service of Aveyron**

Excavation traineeship. I worked as a volunteer on a protohistoric excavation site from Iron Age.

JULY 2019 & JULY 2018 **Service agent | Val de France propreté (Chécy, France)**

Cleaning a high school in compliance with health department regulations.

AUGUST 2017 **Packer | John Deere (Saran, France)**

I packed spare parts of tractor engines.

FEBRUARY 2014 **Trainee | CNRS (French national centre of scientific research)**

Observation placement. I visited laboratories of the CNRS campus in Orléans.

SKILLS

- Native French
- Fluent English (2016 – 2018: immersion week in an Irish family every summer)
- Low-intermediate German (2011 – 2016: annual one-week summer camp with German and French pupils)

- Coding languages: C, SQL, Python, HTML5, CSS3, Javascript, PHP, Ocaml
- Engineering software: Proteus 8, Git, Matlab, Packet Tracer

INTERESTS / PROJECTS

Trumpet, bass guitar and guitar player. I played an opera (Aïda from Verdi) in Orléans's Zénith.

I am a member of computer science and computer network society at Mines St-Etienne.