# EVAN DUFRAISSE

## PROFILE:

**I am available from 03/06/2019 till 12/08/2019.**
I'm a master's engineering student specialised in Decision Support Systems. This includes an expertise in Operations Research and Statistics. I'm willing to employ my knowledge to solve new challenging problems. I'm curious, hardworking, and I can adapt myself easily to new working practices.

## LANGUAGES

**FRENCH** : MOTHER TONGUE

**ENGLISH** : BILINGUAL

**SPANISH** : FLUENT

**RUSSIAN**: BASIC KNOWLEDGE

## PROFESSIONAL SKILLS

| | |
|---|---|
| JAVA | Advanced |
| PYTHON | Advanced |
| SQL | Intermediate |
| HTML | Intermediate |
| CSS | Intermediate |
| JAVASCRIPT | Beginner |
| MATLAB | Beginner |
| LINEAR PROGRAMMING | Intermediate |
| R | Beginner |
| VBA | Intermediate |
| MS Office | Intermediate |

## CONTACT

edufraisse@gmail.com

+33 6 51 97 58 23

## EDUCATION

### IMT-ATLANTIQUE - NANTES

*2017 - 2019*

- Data Analysis & Statistics
- Linear Constraint problem Solving
- Data Analysis
- Approximation algorithms
- Data Structure Management
- Graph Theory

### UNDERGRADUATE STUDIES

*2015 - 2017*

Intensive preparation in Math and Physics for the competitive entrance exams to top French engineering schools.

## EXPERIENCE

### INTERNSHIP

IKKS Group – St-Macaire-en-Mauges – 3 weeks

**Automation of repetitive tasks in the sales department**

•Worked within a team of four
•Alleviated their workload by 8 hours per week

*Saunier Duval – Nantes / 2018  - 1 month*

**Assembled boilers on an assembly line as an operator.**

- Coordinated with the other members of the team.
- Interviewed executives on their duties and on the functioning of the factory.

### PROJECTS

*IMT-ATLANTIQUE – Nantes / 2017 - 2019*

**Realised a "path follower robot" for a competition against 40 teams**

- Scheduled and delegated tasks among a 5 members team.
- Designed and assembled the robot.
- Managed to reach semi-final.

**Built a simple 3D imaging device from a camera and a projector within a team of five.**

- Unified coding habits for efficient code gathering.
- Whole project developed using Matlab.

**Developed a heuristic program in Java for solving TSP**

- Studied papers on the latest improvements in  the field.
- Wrote a Lin-Kernighan based algorithm.
- Managed to give good results (no more than 3% away of the optimal length, with up to 750 cities and processing time of less than a minute).

**Analysis of OCDE waste online data**

- Pre-processed and analysed data using R
- Managed to retrieve information on demography and policies