MATHIEU BÉLIGON

Agile Prototyper & Developper

Master of engineering student looking for a 6-month internship as part of the Digital Tech Year requirement. Hightly interested in solving complex challenges that require new solutions.

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EXPERIENCE

Agile Prototyper - @ParisDigitalLab Incubator
📅 Sept 2018 – Ongoing 📍 Paris, France

Develop three minimum viable products in a 7-week constraints for real-world businesses, using scrum method.

#2 Datalake @BostonConsultingGroup (ongoing)
Set up a datalake and develop a control tower for a 4.0 factory, dealing with both real time and consolidated data.
Tech: `Azure` `React` `Redux`

#1 IOT @FrenchMinistryOfLabor
Develop an IOT multi sensor allowing inspectors to simply evaluate distances, sound level and luminosity in difficult conditions.
Tech: `Altium Designer` `Arduino` `BLE` `React`

Methodologies: `Design Thinking` `SCRUM`

IT Manager - @RaidCentraleSupélec
📅 May 2017 - May 2018 📍 Paris, France

Develop and maintain 4 websites, along with a ranking tool (dealing with optional loops, orienteering ...) for a student association organizing 2 major sports events.
Tech: `CSS` `HTML` `Latex` `Php` `Python` `Symfony` `Wordpress`

Robot Competition - @Eurobot France
📅 May 2018 📍 France

Build an autonomous Robot that would perform a set of actions against an opponent under a limited time.
Team position: $92^e/133$.
Tech: `Arduino` `IA` `SpaceClaim`

Competitive Programmer - @SWERC (regional ACM ICPC)
📅 Nov 2016 📍 Porto, Portugal

Find optimized solutions for complex problems in 5 hours, by team of 3.
Team position: $21^e/60$.
Skills: `Algorithms` `C++` `Optimization` `Segment trees` `Union Find`

TECH SKILLS

Web : Angular 5 • CSS 3 • HTML 5 • Javascript • Jquery • NodeJs • Php • • React • Redux • Symfony • Wordpress

Programming : C • C++ • Python

Software : Arduino • Java • Python

Tools : Azure • Docker • Latex • Git • SublimeText • SQL • Trello

Innovation methodologies : Design Thinking • SCRUM

Grades : Maths: A • Algo: A+ • Graph Theory: A+

EDUCATION

Master of Engineering
École Centrale Paris
📅 Fall 2016 - Ongoing 📍 Paris, France

Centrale Paris an elite Engineering School, member of France's *Grandes Ecoles*, based on a highly selective admission process.
Courses: `Graph Theory` `Android` `Cryptology` `Databases` `Machine Learning` `Algorithm & Programming`

One-year digital technology specialization program
Digital Tech Year
📅 Fall 2018 - Ongoing 📍 Paris, France

Consists of one semester of agile prototyping at the ParisDigitalLab incubator, developing real-world projects for French Organizations.
Courses: `AI` `Design Thinking`

Preparatory school
Lycée Sainte Geneviève
📅 Fall 2014 - Fall 2016 📍 Versailles, France

Intensive preparation course in Math, Physics and Computer Science.

Baccalaureate
with greatest honors (19/20)
📅 2014 📍 Nice, France

INTERESTS

Inde Espoir (Hope for India)
📅 January 2017 - July 2017
📍 Bharatapuram, Andhra Pradesh, India

Build 17 houses for Tribals in India, in a team of 17 young people. Fund raising (30.000€), leading to a one-month work on a construction site in India.

BJInde (Humanitarian mission)
📅 February 2016 - July 2016
📍 Thirumanur, Tamil Nadu, India

Build 4 houses for *Intouchables* in India, in a team of 10 students. Fund raising (10.000€), leading to a 3-weeks work on construction site in India.

LANGUAGES

French (native)
English (fluent, TOEFL ITP: 603)