Ange CRESPO

Open to change the world
with
Inspiring Innovation

French Engineer in Computer Science

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EDUCATION

2017-2018	Exchange Student at **National Taiwan University**, Taipei Major: COMPUTER SCIENCE GPA: 3.86/4.3
2015-2017	Engineer Student at **ENSM-SE École Nationale Supérieure des Mines de Saint-Étienne**, France Specialized in MICRO-ELECTRONICS and COMPUTER SCIENCE
2012-2015	Three-year of highly selective courses in Sciences to prepare for the competitive exams to the "Grandes Ecoles d'ingénieur" at **Lycée Joffres**, France

WORK EXPERIENCE

2018 - 2019

Site Intelligence Analyst at PAREXEL, Taipei, Taiwan
Data Intelligence in a Clinical Research Organization
- I designed a **Deep Learning** solution for deduplication detection in a **SQL database**.
- My solution to **automate** the team's processes **divided by 100** the times for tedious tasks.

2016 - 2017

Business Development Manager at M-GATE, Gardanne, France
Junior Enterprise of ENSM-SE, Managed 6 sellers and 4 projects managers
- I applied a **commercial strategy** I designed with the **administration team**.
- With the Information System Manager I set up a Customer Relationship Manager(**CRM**).
- Co-drew up the **commercial** and **technical pre-project Conventions**.

APR-JUN 2017

Project Manager and **Developer**, Industrial project for LIGHT4EVENT, Gardanne, France
Ultrasound communication protocol on iOS and Android device, Managed 4 developers
- I was **responsible of the customer relationship**.
- I **elaborated** the **algorithm** and **protocol** based on **signal theory**.
- I co-developed the solutions in C++, Java and Objective-C.

JUL-AUG 2016
FEB 2016

Hardware and **Software Developer** at PICODEV, Marseille, France
IoT Experts
- I developed a **tuned CRM** combining Pydio and Gitlab on the company server.
- I designed and realized a prototype of musical scale.
- I **settled** and used a **REST API** to connect an IoT device to an **Administration System**.

2015 - 2016

Project Manager at M-GATE, Gardanne, France
A Website and an Android app for Le Citadingue, Managed 7 developers
- I was responsible of the customer relationship.
- I drew up the **pre-project Convention**.

Technology Skills

Programming Langages:	**Python**, C, **C++**, **C#**, **Java**, **JavaScript**, Cuda, Matlab
Deep Learning Framework:	**Tensorflow**
Data Science Libraries:	NumPy, SciPy, Pandas, Matplotlib, SciKit-Learn
Database:	**my**SQL, **ArangoDB**, MongoDB, OrientDB
Web Framework:	**Django**
Office Software:	Excel, Word, PowerPoint...
Others:	LINUX, VBA, LATEX, Unity3D, Qt, OpenCV...

Academic Projects

NATIONAL TAIWAN UNIV.

Blockchain

Understanding of the blockchain API and exploitation, Managed 5 developers

- I used the **Bitcoin API** to follow bitcoin addresses.
- With the team, we developed a **stock exchange** website for cryptocurrencies in was the manager.

Artificial Intelligence

Talkative Chatbot, Managed 2 developers

- We developed a Chatbot using **Tensorflow** and the Reddit database following a tutorial of "sentdex".
- I was responsible of the **understanding of the algorithms** and the team management.
- I built most of the solution.

Internet of Things

Connected Temple for goal achievement , 3 developers, 1 mechanical engineer and 2 designers

- We create a solution by using **Design Thinking** methodology.
- I designed the hardware solution.
- I built the back-end solution to manage user goals.

Augmented Reality

Sharing 3D objects on iOS, 4 developers and 2 designers

- I co-designed the application.
- I **designed the database** and the main functions.
- I **developed a library** to manage **ArangoDB database** with **Unity3D** in **C#**.
- Implemented a **JSON** structure on each object allowing different interactions.

Languages

FRENCH:	Mothertongue
ENGLISH:	**TOEIC: 875** passed in 2017, Fluent
SPANISH:	Intermediate
CHINESE:	Basic Knowledge

Scholarships

SEPT. 2012-2018   Scholarship for students with an outstanding curriculum (€4000/y)

Interests and Activities

AI Technology, Open-Source, Open-Data, Programming
Hip Hop, Pop Culture, Poetry, Strategical Games, Yoga, Work Out, ...

Exchange Program at NTU, Taipei

Grades

Exam	Grade	Grade Points
Bitcoin in the Big Data Era	A+	4.3
Artificial Intelligence	B	3.0
Computing Theory	A	4.0
Human-computer Interaction with Mobile Phones and Services	A+	4.3
General Chinese Language Course (I) and Services	A-	4.0
	GPA	**3.86**