

# Cedric VALLEE

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cvallee.info

## Education

UC Berkeley, California (USA)

May 2016

**Master of Engineering in Industrial Engineering and Operations Research**

Ecole Polytechnique, Palaiseau (FRA)

2015

**Majoring in a Master of Science level program in Applied Mathematics**



## Experience

UC Berkeley, California (USA) – **Cofounder of Syzygy, UC Berkeley's future student platform**

2016

- Managing a team of four, in data analysis, machine learning, app coding, product design.

UC Berkeley, California (USA) – **Teaching Assistant in Civil and Environmental Engineering**

2015

Suez Environnement, Mumbai (IND) – **Field Research Intern on Innovation**

2015

- Led the company's 5-month research project on water trucks and wells in H/West ward.
- Interviewed 100+ customers, water suppliers, municipal and government officials.

X-MicroFinance (FRA, GUA, TGO, MAR) – **President**

2013-2015

- Managed the largest student microcredit institute in France. 40+ members.
- Lent 80,000€ to impoverished Maya farmers during 3 weeks in Quiche (GUA).
- Created 5,000€ new missions in Lomé (TGO) and Tiznit (MAR) for the summer 2015.
- Partnered with ALAS Pro Salud Mental, a NGO helping victims of mental disorders (GUA).

Embassy of France, Scientific Service, Tokyo (JPN) – **Web Developer**

Jul-Aug 2014

Ecole Polytechnique, Dept of Applied Mathematics, Palaiseau (FRA) – **Undergraduate Researcher**

2014

- Improved estimators employed to predict diabetes from physiological and serological data by using R simulations and K-fold cross-validation.

