ENRIQUE MUNOZ DE COTE

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in linkedin.com/in/enriquedecote/

EXPERIENCE

Director
PROWLER.io

📅 February 2019 – December 2019 📍 Cambridge, UK

- Construct and lead a research strategy.
- Deploy focused research teams to deliver client solutions.

Head of Multi-Agent Systems
PROWLER.io

📅 October 2016 – January 2019 📍 Cambridge, UK

- Lead the company's research arm in multi-agent systems.
- Design and lead a research strategy in multi-agent texhnology.

Member of the Board of Directors
Trading Agents Research Association

📅 March 2015 – Ongoing

Lead efforts in getting together different scientific communities to solve challenging and impactful problems.

Associate Professor of Computer Science
INAOE

📅 July 2014 – Ongoing 📍 Mexico

Assistant Professor of Computer Science
INAOE

📅 October 2010 – June 2014 📍 Mexico

Postdoctorate
University of Southampton

📅 October 2008 - Sept 2010 📍 Southampton, UK

SELECTED LEAD PROJECTS

Last mile logistics
PROWLER.io

📅 February 2017 – December 2019 📍 Cambridge, UK

Combinatorial optimisation like problems (e.g. assigning delivery trucks to pickups) using new machine learning paradigms instead of the classically used OR frameworks.

Finance
PROWLER.io

📅 July 2017 – December 2019 📍 Cambridge, UK

- Portfolio optimisation using probabilistic models and RL

Supply Chain management
PROWLER.io

📅 Sept 2018 – December 2019 📍 Cambridge, UK

MY LIFE PHILOSOPHY

"Time is limited, so don't waste it living someone else's life. "

AWARDS

🏆 **Top reviewer award**
NeurIPS, 2018

🏆 **Best student paper**
UAI, 2007

💓 **2 times winner**
Lemonade stand game tournament (Yahoo!Research)

💓 **Runner-up award**
Trading agents competition

STRENGTHS

Motivator & Leader   Agile   Coaching

Tech strategy   3 patent applications

70+ peer reviewed papers

Recognised ML leader

C++   Java   Python

Statistical Analysis

EDUCATION

Ph.D. in Computer Science
Politecnico di Milano

📅 March 2004 – May 2008

Thesis title: Socially Driven Multiagent Reinforcement Learning

Visiting Scholar
Rutgers University
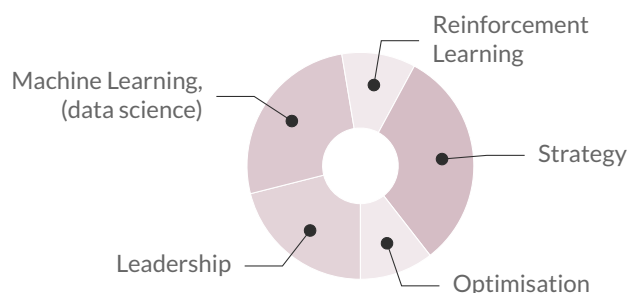
📅 Jan 2007 – December 2007

B.Sc. in Biomedical Engineering
UAM

📅 1999 – 2003

- Optimise complex stochastic networks with feeback control policies

SKILLS AND TECHNOLOGY

LANGUAGES

English ●●●●●

Spanish ●●●●●

Italian ●●●●○

SELECTED PUBLICATIONS

📕 Books

- Sucar, Enrique, Oscar Mayora, and Enrique Munoz de Cote (2017). *Applications for future internet : International Summit.* Springer International Publishing, p. 189. ISBN: 9783319496214. DOI: `10.1007/978-3-319-49622-1`. URL: `http://www.springer.com/gb/book/9783319496214`.
- Munoz de Cote, Enrique (2015). *Socially Driven Multiagent Learning.* Scholar's Press, p. 189. DOI: `10.1007/978-3-319-49622-1`.

📄 Journal Articles

- Munoz de Cote, Enrique, E. O. Garcia, and E. Morales (2016). "Transfer learning by prototype generation in continuous spaces". In: *(Adaptive Behavior)* I-15. DOI: `10.1177/1059712316664570`.
- Stranders, Ruben et al. (2013). "Near-optimal continuous patrolling with teams of mobile information gathering agents". In: *Artificial Intelligence (AIJ)* 195, pp. 63–105. ISSN: 0004-3702. DOI: `10.1016/j.artint.2012.10.006`.

👥 Conference Proceedings

- Grant, James et al. (2019). "Adaptive Sensor Placement for Continuous Spaces in Non-Cooperative Systems". In: *The 36th International Conference on Machine Learning (ICML).*
- Mguni, David, Joel Jennings, Sergio Valcarcel Macua, et al. (2019). "Coordinating the Crowd: Inducing Desirable Equilibria in Non-Cooperative Systems". In: *Proceedings of the International Joint Conference on Autonomous Agents and Multi Agent Systems (AAMAS).*
- Mguni, David, Joel Jennings, and Enrique Munoz de Cote (2018). "Decentralised Learning in Systems with Many, Many Strategic Agents". In: *Thirty-Second AAAI Conference on Artificial Intelligence AAAI-18.* URL: `https://arxiv.org/pdf/1803.05028.pdf`.