ROGER CREUS CASTANYER

Data Scientist and Engineer

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EDUCATION

Bachelor's Degree in in Data Science and Engineering
Universitat Politècnica de Catalunya (UPC)

📅 Sept. 2017 – June 2021

Game Development with Unity and C#
Evolis 3D

📅 Sept. 2016 – June. 2017

EXPERIENCE

HP Inc.
Data Scientist Intern

📅 February 2021 - June 2021

UPC Intern Researcher
Research Scholarship from Banco Santander

📅 June 2021 - October 2021

Participation in research in Software Engineering for Artificial Intelligence.

UPC School
Teaching Assistant

📅 July 2021

Teaching assistant on Reinforcement Learning at the UPC School postgraduate in Artificial Intelligence with Deep Learning.

Batou XYZ
Computer Vision Engineer

📅 March 2021 - June 2021

Development of Computer Vision solutions for the start-up clients.

ADAVOICE
Machine Learning Researcher

📅 January 2020 - June 2020

Participation in the Advanced Deep Learning Architectures for Speech, Audio and Language Processing research group.

Sagrada Família Claror
Basketball Coach

📅 2014 - Present

RESEARCH PROJECTS

Unsupervised skill-discovery and learning in Minecraft (URL @ ICML 2021)

- https://arxiv.org/abs/2107.08398

PixelEDL: Unsupervised skill-discovery and learning from pixels (EAI @ CVPR 2021)

- https://imatge.upc.edu/web/sites/default/files/pub/cCreus.pdf

PiCoEDL: Discovery and learning of Minecraft navigation goals from pixels and coordinates (EAI @ CVPR 2021)

- https://imatge.upc.edu/web/sites/default/files/pub/cNieto.pdf

Integration of convolutional neural networks in mobile applications (WAIN @ ICSE 2021)

- https://arxiv.org/abs/2103.07286

Which design decisions in AI-enabled mobile applications contribute to greener AI? (Registered Report @ ESEM 2021)

- https://arxiv.org/pdf/2109.15284.pdf

Sequence-to-Sequence modelling for RDF triples to natural text (WebNLG 2020)

- https://webnlg-challenge.loria.fr/files/2020.webnlg-papers.5.pdf

Machine translation datasheets for datasets

- https://arxiv.org/abs/2005.13156

ABOUT ME

Date of Birth: 07-10-1999

Languages: **Catalan** (Native), **Spanish** (Native), **English** (B2 First Certificate with C1*)

Motivation: My biggest motivation has always been **learning**. I learn from everyone everywhere.