DANIEL OTERO AVALLE

Computer scientist

@ daniel.oteroavalle[at]gmail.com   🔗 addja.github.io
in linkedin.com/in/daniel-otero-avalle   ⊙ github.com/addja

EXPERIENCE

Software engineer
Arista Nertworks
📅 Nov 2018 – Present   📍 Dublin, Ireland

Software engineer intern
Andorra Telecom
📅 Summer 2014 & Summer 2015   📍 Andorra la Vella, Andorra

EDUCATION

🎓 M.S. in Computer Science
The University of Edinburgh
Specialization in Theoretical Computer Science
📅 2016 – 2018   📍 Edinburgh, UK

🎓 B.S. in Computer Engineering
Universitat Politècnica de Catalunya (UPC)
Specialization in Theoretical Computer Science
📅 2012 – 2016   📍 Barcelona, Spain

RESEARCH

Learning mixtures of product distributions
M.S. dissertation Supervised by Dr. Mary Cryan

Distributed locomotion strategies for lattice based modular robots
B.S. dissertation Supervised by Dr. Vera Sacristán

PROJECTS

2D game engine + SNES Zelda remake
C++ project ⊙ github.com/addja/Hellda

3D game engine + runner game
C++ project ⊙ github.com/addja/keep-running-n-nobody-gets-hurt

Interpreter to automatically build ATN
Java project ⊙ https://github.com/addja/atnlang

TECHNOLOGIES

C++   Python   Java

Algorithmics   Linux   Git

LANGUAGES

English (C1+ 2016)   ●●●●●

Spanish (native)   ●●●●●

Catalan (native)   ●●●●●

French (B2 2010)   ●○○○○

OTHER

Kennel volunteer
Workaway
📅 Summer 2016   📍 Øverbygd, Norway

Horse farm volunteer
Workaway
📅 Summer 2017   📍 Wales, UK

Second prize hackathon
Agbar H2O hackathon
📅 March 2015   📍 Barcelona, Spain