Kevin Godin-Dubois

A-Life researcher on cognition evolution

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Up-to date version

Education

2016-Present - Capitole University, Toulouse
PhD thesis, *"Environment driven speciation"*
Investigated how complexification of artificial creatures could be further enhanced by moving the control apparatus around the abiotic component of an ecosystem

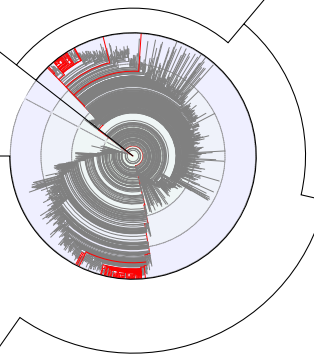
2014-2016 - Paul Sabatier University, Toulouse
Master's degree in Computer Science
Artificial intelligence: mathematical models and training methods

2011-2014 - Paul Sabatier University, Toulouse
Bachelor's degree in Computer Science

Miscellaneous

Spoken Languages
French (mother tongue)
English (fluent)

Hobbies
Tabletop RPG
Reading (Carlton Mellick III, Science Fiction, Medieval)
Music (Metal, Classical, Hard Rock, OSTs)
Video games (Construction, Puzzle, RPG)



Professional Experience

2016-Present - Teachings
- 2017 & 2018, Capitole University, Toulouse
  - L2 Course on Excel and Visual Basic for Applications
  - L2 Course on Algorithms and Visual Basic
- 2016 & 2017, Paul Sabatier University
  - L2 project monitoring on C programming

2016 - Internship IRIT, France
Toulouse Research Institute on Computer Science
"Rule-based artificial embryogenesis in a complex 3D environment"
Not summarized (yet)

2015 - Internship IRIT, France
"Comparison of different evolutionary approaches, an application to the GECCO 2015 challenge"
Performed a performance comparison (accuracy, efficiency) between Artificial Neural Networks and Genetic Regulatory Networks on the 2015 GECCO temperature prediction challenge data

Computing Skills

Languages
C++
C
Java
Python

Processing
Gnuplot
Octave/Matlab

Redaction
LaTeX
Octave/Matlab

Systems
Linux
Windows
Android

Publications and Conferences

- Kevin Godin-Dubois et al. "Self-sustainability Challenges of Plants Colonization Strategies in Virtual 3D Environments". In: *Lecture Notes in Computer Science* 11454 (2019), to appear
- Poster presentation "Studying long term interactions between plants and their environment" at The 2018 Conference on Artificial Life
- Kevin Dubois et al. "Towards an Artificial Polytrophic Ecosystem". In: *Morphogenetic Engineering Workshop, at the European Conference on Artificial Life (ECAL) 2017 September 4*. 2017