# Kevin Godin-Dubois

*A-Life researcher on cognition evolution*


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godinduboisalife
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

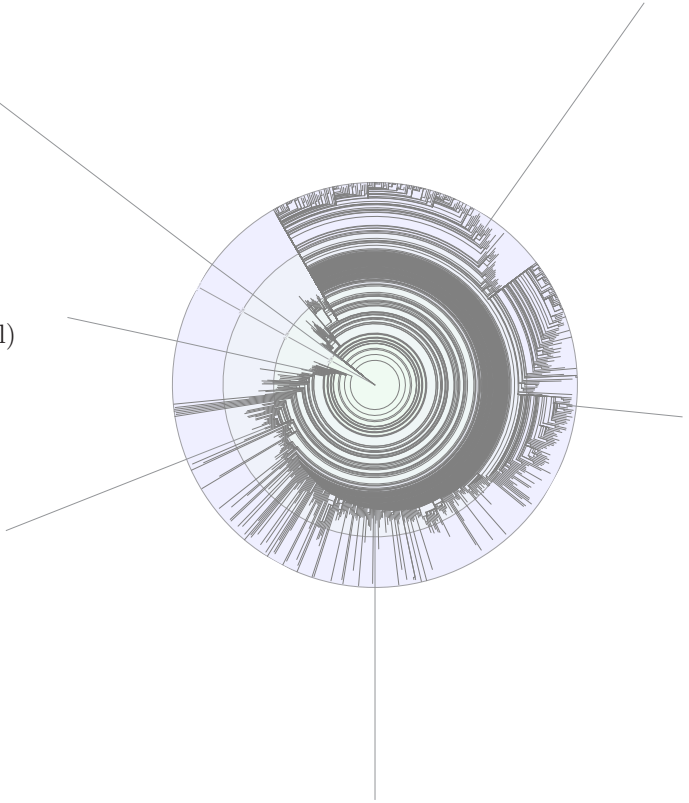
**2014-2016** - Paul Sabatier University, Toulouse
*Master's degree in Computer Science*
Artificial intelligence: mathematical models and training methods

**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 Excel and Visual Basic for Applications
  - L2 Algorithms and Visual Basic
  - L3 Modeling in Database
- 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"*
Deployed rule-based genomes on the MecaCell platform to study artificial plant growth and cell specialization.

**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 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
- Office Software

**Systems**
- Linux
- Windows, Android

## Publications and Conferences


- Kevin Godin-Dubois et al. "Speciation under Changing Environments". In: *The 2019 Conference on Artificial Life*. to be published. 2019
- Kevin Godin-Dubois et al. "Self-sustainability Challenges of Plants Colonization Strategies in Virtual 3D Environments". In: *Applications of Evolutionary Computation*. Ed. by Kaufmann Paul et al. Cham: Springer International Publishing, 2019, pp. 377–392
- 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