

Antonio Locascio

Curriculum Vitæ

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Education

2015 - 2020 **Universidad Nacional de Rosario**, *Facultad de Ciencias Exactas, Ingeniería y Agrimensura, Licenciatura en Ciencias de la Computación*. GPA 9.75/10.

The program consists of 5 years of coursework plus a final thesis in order to get the Licentiate degree.

The general average for this programme, calculated based on the individual GPAs of students during the previous 10 years, is 8.45/10.

Licentiate Thesis

2020 **A bidirectional type and effect system for a language with algebraic effects**, *Supervisors: Dr. Mauro Jaskelioff and Dr. Exequiel Rivas*.

Thesis The full thesis (in Spanish) can be found [here](#).

Talk I gave a talk called *Alef: A bidirectional effect system for algebraic effects* about my thesis at the HOPE 2020 Workshop.

Technical Skills

Programming Most Experience: HASKELL, C

Languages Some Experience: PYTHON, SQL, R

Basic Familiarity: ERLANG, COQ, C++, AGDA, PROLOG

Haskell Tools STACK, CABAL, HADDOCK (Documentation), QUICKCHECK (Property Based Testing)

Specification Z, TLA, CSP

Languages

Technologies GIT, L^AT_EX, MACOS

Teaching Experience

2 Sem. 2020 **Programming Languages** - Teaching Assistant

1 Sem. 2020 **Functional Data Structures and Algorithms** - Teaching Assistant

2 Sem. 2019 **Computer Programming 2 (C and Python)** - Teaching Assistant

1 Sem. 2019 **Computer Programming 1 (Racket)** - Teaching Assistant

Course Projects

March 2019 **Compilers**

<https://github.com/antoniolocascio/TigerHaskell>

Feb. 2018 **Programming Languages**

<https://github.com/antoniolocascio/TPFinalALP>

Elective Courses

- 2019 **Semantics, Analysis and Verification of Programs**
- 2019 **Data Mining**
- 2018 **Introduction to Machine Learning**

Other Activities

- August 2019 **Programming Languages Mentoring Workshop**, *ICFP, Berlin, Germany.*
- August 2018 **The Cornell, Maryland, Max Planck Pre-doctoral Research School**, *Max Planck Institute for Software Systems, Saarbrücken, Germany.*

Languages

- Spanish Native
- English Fluent
- Exams **2014**, *Certificate of Proficiency in English (C2)*, University of Cambridge, Grade: B.
2013, *Certificate in Advanced English (C1)*, University of Cambridge, Grade: B.