

ALEJANDRO GÓMEZ

alegomez544@gmail.com • agomezl@eafit.edu.co

EDUCATION

EAFIT University (Medellín, Colombia)

Computer Science

2010-2015

Final Cumulative (GPA): 4.31/5

Selected Coursework:

Computer Science: Networking · Databases · Data structures and algorithms · Numerical analysis
· Operating systems · Computer architecture · Compilers · Software engineering · Automata and
formal languages · Programing paradigms · Functional programming · Artificial intelligence

Mathematics: Multivariable calculus · Linear algebra · Discrete math · Statistics · Real analysis

WORK HISTORY

EAFIT University (Medellín, Colombia)

Teacher assistant of Automata and formal languages

(July 2013 - November 2013 • July 2015 - Current)

T.A of Automata and formal languages

Purdue University (Indiana, United States)

SURF(Summer Undergraduate Research Fellowships) (May 2013 - August 2013)

Research on nanoscale simulations

Purdue University (Indiana, United States)

Internship at NCN (July 2014 - January 2015)

Internship at Network for Computational Nanotechnology

Apolo (High Performance Computing facility) EAFIT University (Medellín, Colombia)

Student Research assistant (July 2012 - November 2015)

Part-time Student Research assistant

Trustworthy Systems Research Group CSIRO/Data61 (Sydney, Australia)

Proof Engineer (February 2016 - Current)

Proof Engineer

SKILLS

- Proficient in Haskell
- Proficient with GNU/Linux Systems an tools.
- Proficient in Bash.
- Proficient in L^AT_EX.
- Familiar with Agda (dependently typed functional programming).
- Familiar with TPTP/TSTP (automated theorem proving).
- Familiar with C++, C, MPI.
- Familiar with GNU/Make.

LANGUAGES

- Spanish - (Native)
- English - (TOEIC 855)

ACHIEVEMENTS

- Talk - An Introduction to Erlang. Logic and computation seminar. U. EAFIT. March. 8. ([Slides](#))
- Talk - Idris: A language with dependent types ([Slides](#))
- Research - Proof Reconstruction: Parsing Proofs ([Draft](#))
- Participation - Student Cluster Competition ([SCC 14](#)) New Orleans, LA, United States.
- Participation - Student Cluster Competition ([ISC 15](#)) Frankfurt, Germany.
- Participation - Student Cluster Competition ([SCC 15](#)) Austin, TX, United States.

MISCELLANEOUS

- Emacs enthusiast.
- Longboard rider.
- Science fiction literature fan.