

Elena Gutiérrez Viedma



Age 23 (November 10, 1993)
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Research Interests

Automata Theory and Formal Languages Theory in the field of program verification.
Formal program verification using Horn clauses.

Experience

Sept. 2016 - present IMDEA Software Institute
PhD. in Software, Systems and Computing supervised by Prof. Pierre Ganty
Universidad Politécnica de Madrid

Sept. 2015 - Feb. 2016 IMDEA Software Institute
Degree Thesis supervised by Prof. Pierre Ganty

2013 - 2015 IMDEA Software Institute
Three-month research summer internships

Education

2011- 2016 Double Degree in Mathematics and Computer Science
Universidad Autónoma de Madrid | Average Grade (out of 10) - 8.21

Grants

2017- 2021 Predoctoral Contract for PhD. Training Grant (FPI)
Provided by the Spanish Ministry of Economy, Industry and Competitiveness

Publications

- P. Ganty and E. Gutiérrez. Parikh Image of Pushdown Automata. In *FCT 2017*.

Languages

Spanish Native
English Professional proficiency
TOEFL iBT (Feb. 2016)
Total (out of 120): 104
French Elementary proficiency

Additional Information

University Programs	International Mentor Program (IMP) USA-Europe 2015-2016 Personal mentoring program carried out by researchers from 3 relevant EEUU universities via video conference
Teaching Experience	Support classes for students at secondary education Mathematics, English, Physics and Chemistry
Volunteer work	International exchange organization AFS Coordination of exchange activities for foreign students in Spain
Driving License	Class B Oct. 2012