Elena Gutiérrez Viedma

Age	24 (November 10, 1993)	**Address**	IMDEA Software Institute
Place of birth	Madrid, Spain		Office 342
Nationality	Spanish		Campus de Montegancedo s/n
Email	elena.gutierrez@imdea.org		28223 - Pozuelo de Alarcón
Website	http://elenagutiv.github.io/		Madrid, Spain

Research Interests

I am interested in the theory of formal languages and automata and its aplications to the verification of software.

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. *Fundamentals of Computation Theory: 21st International Symposium, FCT 2017, Bordeaux, France, September 11-13, 2017, Proceedings,* pages 271-283, 2017.

- P. Ganty and E. Gutiérrez. The Regular Property for Weighted Context-Free Grammars . *To be accepted at MFCS 2018.*

Languages

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

French   Elementary proficiency

Additional Information

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
Soñar Despierto Foundation
Support classes for students coming from marginalized backgrounds

Driving License   Class B | Oct. 2012