

PEDRO VALERO

Personal Data

PLACE AND DATE OF BIRTH: Spain | 10 July 1993
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Publications

DCC 2019 REGULAR EXPRESSION SEARCHING ON COMPRESSED TEXT
with Pierre Ganty
ATVA 2017 A LANGUAGE-THEORETIC VIEW ON NETWORK PROTOCOLS
with Pierre Ganty and Boris Köpf

Software

HTTVALIDATOR: An input validator for HTTP messages that relies on recognizers for context-free and regular languages (implemented using Bison and Flex respectively) to perform the validation. Publicly available on [GitHub](#).
ZSEARCH: A tool for regular expression searching on grammar-compressed text (implemented in C). Publicly available on [GitHub](#).

Research Stays

FEB-JUN 2018: Four months stay at Technische Universität München, in the Chair for Foundations of Software Reliability and Theoretical Computer Science with Prof. Javier Esparza.

Work Experience

SEP 2016-CURRENT: PhD Student at IMDEA Software Institute
SEP 2015-MAY 2016: Internship at IMDEA Software Institute
JUN-SEP 2015: Internship at Max Planck Institute
JUN 2014-APR 2015: Internship at IMDEA Software Institute

Committees

TACAS 2019: Member of the Artifact Evaluation Committee

Education

MAY 2016: DOUBLE DEGREE AT COMPUTE SCIENCE AND MATHS
at **Universidad Autónoma de Madrid**
GPA: 9.14/10.0 - 3.05/4.0

Scholarships

2018: Short-Term *DAAD Scholarship*.
2011-2015: Four consecutive *Excellence Award* for my academic performance.

Languages

ENGLISH: Fluent
SPANISH: Mother tongue