

# Niki Vazou

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## POSITIONS

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<b>Research Assistant Professor</b> IMDEA Software Institute, Madrid, Spain.	2018 – Present
<b>Postdoctoral Fellow</b> Computer Science Department, University of Maryland, College Park, USA.	2017 - 2018
<b>Internship with Jeff Polakow</b> Awake Networks, Mountain View, USA.	Summer 2016
<b>Internship with Daan Leijen</b> Microsoft Research, Redmond, USA.	Summer 2014
<b>Internship with Dimitrios Vytiniotis</b> Microsoft Research, Cambridge, UK.	Fall 2013

## EDUCATION

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<b>Phd</b> Computer Science and Engineering, University of California, San Diego, USA. Supervisor: Ranjit Jhala; Thesis title: “Liquid Haskell: Haskell as a Theorem Prover”.	2011-2017
<b>Diploma</b> National Technical University of Athens, Athens, Greece. Supervisor: Nikolaos Papaspyrou; Thesis title: “Memory Safety with Linear Capabilities”.	2005-2010

## (CO-)SUPERVISION OF GRADUATE STUDENTS & INTERNS

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IMDEA Software Institute, Madrid, Spain.	2019 – Present
<ul style="list-style-type: none"><li>• PhD candidate Lisa Vasilenko on “Relational refinement types”.</li><li>• Master student Mustafa Hafidi on “Tactics for Liquid Haskell”.</li><li>• Undergrad student David Munuera on “Haskell to CIAO”.</li><li>• Research intern Zack Grannan on “Rewriting for Liquid Haskell”. <i>Published at ECOOP’23.</i></li><li>• Research intern Stefan Malewski on “gradual refinement types”.</li></ul>	
Computer Science Department, University of Maryland, College Park, USA.	2017 – 2018
<ul style="list-style-type: none"><li>• PhD candidate Milod Kazerounian on “Refinement types for Ruby”. <i>Published at VMCAI’18 and PLDI’19.</i></li><li>• PhD candidate James Parker on “Verification of secure web applications”. <i>Published at POPL’19 and OOPSLA’20.</i></li></ul>	
National Technical University of Athens, Athens, Greece.	2018
<ul style="list-style-type: none"><li>• Diploma student George Petrou on “Verification with Liquid Haskell”.</li></ul>	

## TEACHING ACTIVITIES

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<b>Computer Science Department, Universidad Politecnica de Madrid, Madrid, Spain.</b> 2 months/20 hours seminar on Advanced Functional Programming.	Fall 2019
<b>Computer Science Department, University of Maryland, College Park, USA.</b> Lecturer at Advanced Functional Programming (CMSC498V).	Winter 2018
<b>Computer Science Department, University of Maryland, College Park, USA.</b> Co-Lecturer at Introduction to Programming (CMSC330).	Fall 2017
<b>Clubes De Ciencia, Guanajuato, Mexico.</b> 1 week/40 hours course on Functional Programming.	Summer 2015

## ORGANIZATION OF SCIENTIFIC MEETINGS

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Co-Chair, Artifact Evaluation, PLDI.	2022
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Virtualization Committee, ICFP.	2020
Co-Chair, Student Research Competition, POPL.	2020
Chair, Student Research Competition, POPL.	2019
Chair, Haskell Implementors' Workshop.	2019
Co-Chair, Programming Languages and Analysis for Security.	2019
Co-Organizer, Programming Languages Mentoring Workshop, ICFP.	2018
Co-Chair, Workshop on Type-Driven Development.	2018

## MEMBERSHIP OF SCIENTIFIC SOCIETIES

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Board Member of Haskell Foundation.	2021 - present
Visitor of IFIP Working Group 2.1 on Algorithmic Languages and Calculi.	2019 - present
Visitor of IFIP Working Group 2.8 on Functional Programming.	2019 - present
Member of The ACM SIGPLAN Haskell Symposium Steering Committee.	2017 - 2021
Member of Haskell.org Committee.	2016 - 2020
Event Coordinator at Graduate Women in Computing, UCSD.	2015 - 2016

## REVIEWING ACTIVITIES

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ESOP'23, POPL'22, WITS'22, TYPES'22, OOPSLA'22, FLOPS'11, PLS'21, PEPM'21, VMCAI'21, CAV'20, FCS'20, POPL'19, ESOP'18, ICFP'18, PEPM'21, PLS'21, TFP'20, Haskell'18, ML-Family Workshop'17, HOPE'17, PADL'17, Scala'17, Haskell'16, HiW'16, TFP'16, PADL'16, Scala'16, AEC@POPL'16, AEC@PLDI'16.

## GRANTS & AWARDS

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ERC Starting Grant	2021
Wallenberg Academy Fellowship.	2021
Juan de la Cierva Incorporacion Grant, by Spanish Ministry of Science and Innovation.	2021 - 2023
Atraccion de Talento Fellowship, by Madrid Regional Government.	2020 - 2024
Best paper award at ACM SIGPLAN Conference OOPSLA.	2018
Victor Balisi Postdoctoral Fellowship, University of Maryland, College Park, USA.	2017 - 2018
Graduate Award for Research, University of California, San Diego, USA.	2015
Microsoft Research Graduate Research Fellowship.	2014 - 2016