

# Zhoulai Fu, Assistant Professor at IT University of Copenhagen

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## EDUCATION

2009 — 2013	Ph.D. in Computer Science, INRIA - Université de Rennes 1	France
2008 — 2009	M.Eng. in Software Engineering, Télécom ParisTech	France
2005 — 2008	B.S. and M.S., École Polytechnique	France

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## EMPLOYMENT HISTORY

Sep 2017 — Present	<b>Assistant Professor, IT University of Copenhagen</b> Developped automated testing and program analysis techniques for scientific software, in particular, in the Robotic Operating System (ROS).	Denmark
2014 — 2017	<b>Postdoc Scholar, University of California, Davis</b> Formal methods for testing, verifying, and analyzing numerical programs, their stability and accuracy.	United States
Mar 2013 — Aug 2013	<b>Research Visitor, IMDEA Software Institute, Madrid</b> Static analysis of Java memory models	Spain
2009 — 2013	<b>PhD Candidate, INRIA Rennes - Bretagne Atlantique</b> Studied the theory of abstract interpretation, applying to static numerical analysis for programs manipulating pointers.	France
Apr 2008 — Sep 2008	<b>Research Intern , Laboratoire d'informatique de l'École polytechnique (LIX)</b> Static analysis for the Eiffel Language. Joint work with École Normale Supérieure, France and ETH Zurich, Switzerland.	France

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## RESEARCH PROJECTS

Apr 2020 — Oct 2020	<b>Co-PI, mini-InfinIT project</b> Verification of Digital Systems	Denmark
Jan 2017 — Dec 2020	<b>Project researcher, Horizon 2020 ROSIN Program</b> ROS-Industrial quality-assured robot software components	Denmark
2016 — 2019	<b>Co-PI, National Science Foundation (NSF) Grant</b> Testing and Analysis for Reliable Numerical Software.	United States