

PERSONAL DATA	Full Name: Hendrik Marten Frank Lohstroh	Nationality: Dutch	
CONTACT INFO	E-mail: marten@berkeley.edu	Github: github.com/lhstrh	
SUMMARY	<i>Creative, enterprising, and collaborative computer scientist seeking opportunities for research and software development.</i>		
RESEARCH INTERESTS	Models of Computation, Systems Design, Cyber-physical Systems, Simulation, Internet of Things, Concurrency, Programming Languages, Semantics, Type Systems, Distributed Systems, Security, Privacy		
EDUCATION	PhD, Computer Science, UC Berkeley (GPA: 3.85) Dec 2020 <ul style="list-style-type: none"> • Thesis: Reactors: A Deterministic Model of Concurrent Computation for Reactive Systems • Major: Cyber-physical Systems • Adviser: Prof. Edward A. Lee • Minors: (I) Software Design & Testing (II) Privacy Law & Consumer Protections MSc, Grid Computing, University of Amsterdam (cum laude) Feb 2013 <ul style="list-style-type: none"> • Thesis: Maximally Permissive Composition of Actors in Ptolemy II BSc, Computer Science, University of Amsterdam Aug 2009 <ul style="list-style-type: none"> • Thesis: User Based Policy Control of Attribute Authorities 		
AWARDS & HONORS	<ul style="list-style-type: none"> • Best Paper Candidate Forum for Design Languages (FDL) Sep 2020 • Best Paper Candidate Design Automation and Test in Europe (DATE) Apr 2020 • Qualcomm Innovation Fellowship Finalist North America Apr 2019 • Best Paper Award Journal of Software and Systems Modeling Oct 2018 • Best Presentation Award at the 10th Biennial Ptolemy Miniconference Oct 2013 • Winner of the Joop Bautz Information Security Award Oct 2008 		
PROFESSIONAL EXPERIENCE	University of California, Berkeley, USA Postdoctoral Researcher Dec 2020 – Dec 2021 <ul style="list-style-type: none"> • Continued research focused on reactors and LINGUA FRANCA. Graduate Student Researcher Aug 2014 – Dec 2020 <ul style="list-style-type: none"> • Originated the reactor model of computation and developed a polyglot coordination language called LINGUA FRANCA for defining and composing reactors. Associate Specialist (Software Developer/Researcher) Dec 2012 – Aug 2014 Toolsfordata , Amsterdam, The Netherlands Founder, Software Developer May 2008 – Aug 2011 Questionmark , Amsterdam, The Netherlands Software Developer, Systems Administrator Aug 2005 – Dec 2010		
TEACHING EXPERIENCE	University of California, Berkeley, USA Graduate Student Instructor of EECS149, CS164 Aug 2016 – May 2018 University of Amsterdam , The Netherlands Teaching Assistant of several undergrad CS courses Oct 2007 – Jun 2011		
ELECTED POSITIONS & VOLUNTEERING MORE	<ul style="list-style-type: none"> • Delegate of the EECS Department at The Graduate Assembly Sep 2015 – May 2018 • Editor of Springer LNCS Festschrift Volume 10760 <i>Principles of Modeling</i> May 2018 • Organizer and Program Chair of the Edward A. Lee Festschrift Symposium Oct 2017 <p>► Go to goo.gl/2ATsoT for more background, references, and a list of publications.</p>		