Dr. Franziska B. Hinkelmann

Software Engineer
Munich, Germany

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GitHub: github.com/fhinkel

Google Germany, Munich, Germany, May 2016 - now

Software Engineer, V8

TNG Technology Consulting GmbH, Unterföhring, Germany, September 2013 - March 2016

Senior Consultant, December 2015 - March 2016

Software Consultant, September 2013 - December 2015

Mathematical Biosciences Institute, The Ohio State University, OH, September 2011 - August 2013

National Science Foundation Postdoctoral Fellow
Mentor: Michael Stillman, Cornell University

EDUCATION

Virginia Tech, Blacksburg, VA, August 2006 - August 2011

Ph.D. Mathematics, August 2011
Reinhard Laubenbacher (Virginia Bioinformatics Institute), Advisor
Algebraic theory for discrete models in systems biology

M.S. Mathematics, May 2007

Universität Karlsruhe, Karlsruhe, Germany, October 2002 - July 2006

Vordiplom Mathematik, minor **Computer Science**, May 2006

PROJECTS

PHP

Rules engine based on Rete Algorithm for Media and Telecommunication Service Provider, since 2013

Contributor of *Mockery*, PHP mock object framework, 2014

Node.js

Main contributor to open source project *Interactive Shell*. Web interface for a research tool for algebraic geometry, used in courses at Harvard, Cornell, and UC Berkeley, web.macaulay2.com, since 2011

React

Main contributor to BlitzPay, a cryptocurrency based payment app. Winner at Burda Hackathon *Future of Finance* of the special prize for the highest economic impact by the Bavarian Ministry of Economic Affairs and Media, Energy and Technology, June 2015

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INVITED TALKS	**NodeConf Barcelona**, *V8 under the Hood*, November 21, 2015, Barcelona, Spain
	JSConf EU, *JavaScript engines*, September 25-27, 2015, Berlin, Germany
	Nordic.js, *A Trip to the Zoo (JavaScript engines)*, September 10-11, 2015, Stockholm, Sweden
	.concat(), the web development conference in Austria, *Mobile Web Apps with Native App Features*, March 7, 2015, Salzburg, Austria
	PHPBenelux Conference, Workshop *From nightmare legacy code to a professional PHP application in 3 hours*, January 23, 2015, Antwerp, Belgium
WORKSHOPS/ TEACHING	**Universität Bremen** Course *Agile Software Development: A Node.js application in one week*, 2 Credit Points (ECTS), August 17-21, 2015, Bremen, Germany
	TNG Winter Retreat Workshop *Stack machines with PHP*, March 13, 2015, Seefeld, Austria
	TNG Techday Workshop *Spaß mit Node.js*, February 13, 2015, Unterföhring, Germany
	Universität Bremen Course *Agile Software Development: A Node.js application in one week*, 2 Credit Points (ECTS), August 25-29, 2014, Bremen, Germany
ASSOCIATION MEMBERSHIPS	**Co-organizing PHP Usergroup Munich, September 2014 - March 2015**
	Member count doubled to 500 members within 1 year
	Bi-monthly meetings
	Grace Hopper Celebration of Women in Computing Conference (GHC)
	Poster Committee member, 2015