



DAVID WILLE

CONTACT



Berliner Str. 98
38104 Braunschweig
Germany



mail@david-wille.de



www.david-wille.de



PERSONAL INFORMATION

Nationality **German**
Born **28/04/1989, Münster, Germany**



PROJECT LEADERSHIP

- **Compatibility Management, Industry Research Project**
Goals: Functional specification of a system to analyze the compatibility of systems in cars after updating / replacing software or hardware.
Responsibilities: Project coordination and personelle responsibility. since 09/2018



PROJECT EXPERIENCE

- **From Grown to Structured, Industry Research Project**
Goals: Identification of variability in grown IT architectures for detecting reuse potential and recommendations to reduce their complexity.
Responsibilities: Research, implementation and evaluation of algorithms to identify variability in technical architectures as a basis for deriving ranked restructuring recommendations.
02/2015 - 07/2018
- **Family Mining, Industry Research Project**
Goals: Identification of variability relations between MATLAB/Simulink variants for an automotive development environment.
Responsibilities: Research, implementation and evaluation of algorithms to identify variability information to support work of developers.
10/2012 - 12/2014



PROFESSIONAL EXPERIENCE

- **Technische Universität Carolo-Wilhelmina Braunschweig,**
Institute of Software Engineering and Automotive Informatics,
Working Group Model-Based Software Engineering
 - **Research Associate / PhD Student**
since 01/2015
 - **Research Assistant**
10/2012 - 07/2013
09/2013 - 12/2014



EDUCATION

- **Technische Universität Carolo-Wilhelmina Braunschweig**
 - **Master of Science in Computer Science,**
Graduation with Honors
Focus on: Software Engineering, Software Architecture,
Software Product Lines, Model-Based Software Engineering
10/2012 - 12/2014
 - **Bachelor of Science in Computer Science,**
Minor subject: Communication Networks
10/2009 - 08/2012

LANGUAGES



German
native speaker



English
fluent



French
beginner



Japanese
beginner

HOBBIES



Photography



Working out
at the Gym



Good food and
cooking



Traveling



Tennis



ALTERNATIVE CIVILIAN SERVICE

- **Egestorff-Foundation Retirement Homes, Bremen**
07/2008 - 03/2009



AWARDS

- **IBM Center for Advanced Studies Best Paper Award, International Conference on Computer Science and Software Engineering (CASCON), Toronto, Canada**
10/2018
- **HITACHI Young Best Paper Award - Research Track, International Systems and Software Product Line Conference (SPLC), Seville, Spain**
09/2017
- **AutoVision Graduate Award, Carl-Friedrich-Gauß-Faculty of Technische Universität Carolo-Wilhelmina Braunschweig**
Awarded for outstanding accomplishments at Master's level
11/2015
- **ZSB//Student Award, Student Counselling of Technische Universität Carolo-Wilhelmina Braunschweig**
Awarded for particular good accomplishments at Bachelor's level
05/2014



INTERNATIONAL EXPERIENCE

- **Presentation at Recognized International Conferences, i.a. in Japan, Hong Kong, South Africa, Canada, The Netherlands**
Presentation of research results in front of scientific audiences
2013 - 2018
- **National Institute of Informatics Japan (NII) Shonan School, Kamiyamaguchi, Japan**
Mining Software Repositories: Accomplishments, Challenges & Future Trends
03/2017
- **Winter School, Ede, The Netherlands**
Big Software on the Run: Where Software meet Data
10/2016
- **Intensive Course English, International House, Toronto, Canada**
08/2010 - 09/2010
- **Work and Travel, Australia**
04/2009 - 08/2009



MISCELLANEOUS

- **Program Committee Member for the International Workshop on Reverse Variability Engineering (REVE), Scientific evaluation of submitted papers**
06/2018
- **ISTQB® Certified Tester Foundation Level, Practical foundations of software testing**
03/2013