

Curriculum Vitae

Rati DEVIDZE

PERSONAL DATA

PLACE AND DATE OF BIRTH: Chiatura, Georgia | 1994
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EDUCATION

- 10/2018 - TODAY PhD student at Max Planck Institute for Software Systems
Saarbrücken, Germany
Interests: *Machine Learning, Machine Teaching, Reinforcement Learning*
- 10/2016 - 09/2018 Graduate School of Computer Science
Saarland University, Saarbrücken, Germany
Selected Courses: *The Elements of Statistical Learning, Deep Learning, Information Retrieval and Data Mining, Cryptography, Database Systems*
- 09/2012 - 07/2016 Bachelor of Science, Computer Science
Tbilisi State University, Tbilisi, Georgia
Selected Courses: *Algorithms and Data Structures, Statistics, Discrete Mathematics, Operation Research, Multivariable Calculus, Linear Algebra*
GPA: 4/4
- 08/2014 - 09/2014 DAAD Summer School
RWTH Aachen University, Aachen, Germany

WORK EXPERIENCE

03/2016 - 08/2016	<i>.Net Software Developer</i> <i>Prodware Group</i> <i>Tbilisi, Georgia</i> <ul style="list-style-type: none">• Implemented new software products for business ideas• Added new functionalities to existing softwares and fix old bugs
04/2014 - 03/2016	<i>Engineer Programmer</i> <i>Akhali Kselebi Ltd</i> <i>Tbilisi, Georgia</i> <ul style="list-style-type: none">• Implemented desktop applications for the station operators• Analysed international call statistic using ASP.NET• Implemented Windows and Web-services of billing system for Telecommunications

PROJECTS

03/2018 - 05/2018	MPI-SWS <i>Research Immersion lab with Dr. Adish Singla</i> <ul style="list-style-type: none">• Worked on the iterative machine teaching problem in the context of Markov Decision Process• Implemented Markov Decision Process solver and did experiments to evaluate theoretical results
07/2017 - 09/2017	CISPA <i>Research Immersion lab with Prof. Michael Backes</i> <ul style="list-style-type: none">• Worked on accountability of security protocols• Analyzed security of these protocols using theorem prover Tamarin
03/2014 - 07/2014	Tbilisi State University <i>Semester Project with Prof. Ramaz Botschorishvili</i> <ul style="list-style-type: none">• Worked on deriving mathematical formulation of the coupling of ODE & PDE models for parallel numerical simulations
03/2015 - 07/2015	Tbilisi State University <i>Semester Project with Prof. Alexander Gamkrelidze</i> <ul style="list-style-type: none">• Worked on adaptation process of an open source OCR system to digitize Georgian alphabet

HONORS AND AWARDS

- 09/2016 - Today | *Graduate School of Computer Science (3% of the applicants are selected)*
- 08/2014 - 09/2014 | *German Academic Exchange Service (DAAD)*
- 09/2012 - 07/2016 | *President's Scholarship at the Tbilisi State University*

PROGRAMMING LANGUAGES

C++, C#, Java, Python

SPOKEN LANGUAGES

GEORGIAN: Mother tongue
ENGLISH: Fluent
GERMAN: Fluent
RUSSIAN: Intermediate