

Danut Mihaita Rusu

CONTACT	College Ring 7, Mailbox 413 28759 Bremen, Germany	E-mail: danutmihaitarusu@gmail.com Phone: 0040 746 649606
SKILLS AND ACHIEVEMENTS	Programming languages: C/C++, Java, Python, SML Web Programming: JavaScript, PHP, HTML, CSS Frameworks: Spring Databases: MySQL Tools: TDD, Git, Bash, Maven, Gradle, Phabricator, LaTeX, R, OpenCV Languages : Romanian (native), English (fluent), German (intermediate - A2.2 level)	
WORK EXPERIENCE	rasdaman GmbH	September 2016 — Present
	Software Developer	
	Working student for rasdaman. Tasks include testing netCDF import-export.	
	Trifacta Inc.	June 2016 — August 2016
	Software Engineer Intern	
	Worked on the integration of a cloud-based data storage solution into Trifacta. Tasks: <ul style="list-style-type: none">• Investigated client-server performance characteristics and wrote automated test scripts• Implemented Cloud Storage support• Implemented user-defined functions and data transformations for Dataflow• Fixed bugs from the bug backlog	
	Jacobs University	September 2015 — June 2016
	Student Research Assistant - Software Developer	
	Worked as a student research assistant for rasdaman (raster data manager).The rasdaman technology enables storage of multi-dimensional arrays of unlimited size in a conventional database. <ul style="list-style-type: none">• Created a testing framework in Python, which is integrated into Jenkins• Tested and maintained software modules using Java.• Created a Domain Model using Spring Framework for a GIS standard, called Coverage Implementation Schema	
	Jacobs University	September 2015 — December 2015
	C Lab Teaching Assistant	
	Tutored students and assisted them to finish programming tasks in order to understand the basics of C. I also held tutorials and graded homework assignments and exams.	
PROJECTS	<ul style="list-style-type: none">- Mobile Application - Android application using API's to read credit card details and google maps- My "anti-drug message" Contest - Website, using HTML, PHP, CSS and JavaScript.- "A healthy lifestyle" Contest - Website, using mainly HTML and CSS.	
EDUCATION	B.Sc. in Computer Science	September 2014 — Present
	Jacobs University, Bremen, Germany	
	Comprehensive three-year accelerated B.Sc. program in Computer Science. Expected graduation: June 2017.	