

# Danut Mihaita Rusu

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CONTACT	College Ring 7, Mailbox 413 28759 Bremen, Germany	<b>E-mail:</b> danutmihaitarusu@gmail.com <b>Phone:</b> 0040 746 649606
SKILLS AND ACHIEVEMENTS	<b>Programming languages:</b> C/C++, Java, Python, SML <b>Web Programming:</b> JavaScript, PHP, HTML, CSS <b>Frameworks:</b> Spring <b>Databases:</b> MySQL <b>Tools:</b> Jenkins, Git, Bash, Maven, Gradle, Phabricator, LaTeX, R, OpenCV <b>Languages :</b> Romanian (native), English (fluent), German (intermediate - A2.2 level)	
WORK EXPERIENCE	<b>rasdaman GmbH</b> Student Software Developer Developed, tested and maintained different features for the rasdaman database engine.	September 2016 — Present
	<b>Trifacta Inc.</b> Software Engineer Intern Worked on the integration of a cloud-based data storage solution into Trifacta. Tasks: <ul style="list-style-type: none"><li>• Investigated client-server performance characteristics and wrote automated test scripts</li><li>• Implemented Cloud Storage support</li><li>• Implemented user-defined functions and data transformations for Dataflow</li><li>• Fixed bugs from the bug backlog</li></ul>	June 2016 — August 2016
	<b>Jacobs University</b> Student Research Assistant 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"><li>• Created a testing framework in Python, which is integrated into Jenkins.</li><li>• Tested and maintained software modules using Java.</li><li>• Created a Domain Model using Spring Framework for a GIS standard.</li></ul>	September 2015 — June 2016
	<b>Jacobs University</b> C-Laboratory 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.	September 2015 — December 2015
PROJECTS	<ul style="list-style-type: none"><li>- <b>Mobile Application</b> - Android application using API's to read credit card details and google maps</li><li>- <b>My "anti-drug message" Contest</b> - Website, using HTML, PHP, CSS and JavaScript.</li><li>- <b>"A healthy lifestyle" Contest</b> - Website, using mainly HTML and CSS.</li></ul>	
EDUCATION	<b>B.Sc. in Computer Science</b> Jacobs University, Bremen, Germany Comprehensive three-year accelerated B.Sc. program in Computer Science. Expected graduation: June 2017.	September 2014 — Present