

Danut Mihaita Rusu

CONTACT

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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 Software Developer Working student for rasdaman. Tasks include testing netCDF import-export.	September 2016 — Present
	Trifacta Inc. 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	June 2016 — August 2016
	Jacobs University 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	September 2015 — June 2016
	Jacobs University 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.	September 2015 — December 2015

PROJECTS

- **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 Jacobs University, Bremen, Germany Comprehensive three-year accelerated B.Sc. program in Computer Science. Expected graduation: June 2017.	September 2014 — Present
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