Danut Mihaita Rusu

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Skills and Achievements

Programming languages: C/C++, Java, Python, SML
Web Programming: JavaScript, PHP, HTML, CSS, angularJs, nodeJs
Frameworks: Spring
Tools: Jenkins, Git, Bash, Maven, Gradle, Phabricator, Gerrit, docker, Kubernetes
Languages : Romanian (native), English (fluent), German (intermediate - A2.2 level)

Work experience

Trifacta Inc.   March 2018 — Present
Software Engineer

Trifacta Inc.   November 2017 — February 2018
Sofware Engineer Intern
Implemented Google Analytics and difference metrics for analysis.
Developed, tested and deployed several software modules.

Jacobs University - rasdaman   September 2016 — June 2017
Student Software Developer
Developed, tested and maintained different features for the rasdaman database engine.

Trifacta Inc.   June 2016 — August 2016
Software Engineer Intern
Worked on the integration of a cloud-based data storage solution into Trifacta. Tasks:

- 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 - rasdaman   September 2015 — June 2016
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.

- 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.

Jacobs University   September 2015 — December 2015

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.

Education

B.Sc. in Computer Science   September 2014 — June 2017

Jacobs University, Bremen, Germany

Comprehensive three-year accelerated B.Sc. program in Computer Science.

References

Previous manager, while working as an intern, available here: http://danutrusu.github.io

Projects

- **Poverless App** - 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.