



Danut Mihaita Rusu

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PERSONAL INFORMATION

Nationality : Romanian

Date of birth : 01 April 1995

Languages : Romanian (native), English (fluent), German (intermediate - A2.2 level)

SKILLS AND ACHIEVEMENTS

Programming languages: C/C++, Java, Python, Standard ML

Web Programming: JavaScript, PHP, HTML

Frameworks: Spring Boot, Spring Hibernate

Databases: MySQL

Tools: TDD, Git, Bash, Maven, Gradle, LaTeX

WORK EXPERIENCE

Trifacta Inc.

June 2016 — present

Software Engineering Intern

Jacobs University

September 2015 — June 2016

Student Research Assistant - Software Developer

Worked as a student research assistant for Rasdaman (raster data manager), in the software development department. The rasdaman technology enables storage of multi-dimensional arrays ("raster data") 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, 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.

HRForecast

August 2015 — September 2015

Data Analysis - Intern

Worked in a project called Data Management and Handling, where I implemented techniques, based on the analysis of raw data provided, in order to improve the data quality and verification process.

JacobsHack

October 2015

Poverless application

Created an android application, during the jacobsHack hackathon, which allows people to donate money to a NGO, in order to improve quality of life. Used Java, XML and API's for credit card details reading and google maps.

National Contest

April 2013

'My anti-drug message' Project

Created an website during the 'My anti-drug message' campaign. It was done using HTML, PHP, CSS and JavaScript.

Cyberfair Contest

December 2012

'A healthy lifestyle' Project

Created an website during the Cyberfair contest, with the purpose of encouraging people to live a healthier life. It was done using mainly HTML and CSS.

EDUCATION

Mathematics - Informatics , Intensive Informatics

September 2010 — June 2014

"Eudoxiu Hurmuzachi" National College, Radauti, Romania

Obtained the high school diploma (Romanian Baccalaureate : Mathematics, Informatics, Romanian language and literature) with GPA 9.86 out of 10.

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.