Danut Mihaita Rusu

CONTACT	Jacobs University Bremen	**E-mail:**	danutmihaitarusu@gmail.com
	College Ring 7, Mailbox 413	**Website:**	https://de.linkedin.com/in/danutrusu
	28759 Bremen, Germany	**Phone:**	0040 746 649606

PERSONAL INFORMATION

Nationality : Romanian
Date of birth : 01 April 1995
Languages : Romanian (native), English (fluent), German (intermediate - A2.2 level)

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.

BSc in Computer Science   September 2014 — Present

Jacobs University, Bremen, Germany

Comprehensive three-year accelerated B.Sc. program in Computer Science.
Expected graduation: June 2017.

SKILLS AND ACHIEVEMENTS

Programming / Technologies
- C / C++, Java, Python
- Standard ML, Git, UNIX
- PHP, JavaScript, HTML, LaTeX , R , Mathematica

WORK EXPERIENCE

Trifacta Inc.   June 2016 — present
Software Engineering Intern

Jacobs University   September 2015 — June 2016
Student Research Assistant - Software Developer

I 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 framework in Python, which tests rasdaman under all possible configurations.
- Testing and debugging already existing software modules.
- Created a Domain Model using Spring Framework.

Jacobs University   September 2015 — December 2015
C Lab Teaching Assistant

As a C Teaching Assistant I 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

I worked in a project called Data Management and Handling. It is based on the analysis of raw data provided by the client and my task was to implement techniques in order to improve the data quality and verification process as much as possible.

JacobsHack

During the jacobsHack hackathon, my team and I created an android application called Poverless - less poverty. The app allows people to donate money to a NGO to improve people lives from a certain area.In order to do this we used Java, XML and API's for credit card details reading and google maps.