

# VLAD CATALIN FRASINEANU

College Ring 7, ZIP Code 28759 ◇ Bremen, Germany

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## SKILLS

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<b>Computer Languages</b>	C/C++, Java, Python, Ruby
<b>Web Programming</b>	PHP, HTML, GO
<b>Databases</b>	MySQL
<b>Tools</b>	Bash, Git, Subversion, Jenkins, Latex, OpenCV, R
<b>Languages</b>	English (fluent), German (basic knowledge), Romanian (native)

## WORK EXPERIENCE

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**rasdaman** September 2016 - Present  
*Software Developer* Bremen, Germany

rasdaman (raster data manager) allows storing and querying massive multi-dimensional arrays

- Tasks: continuous integration
- Administer Jenkins
- Creating and fixing system tests

**HERE** June 2016 - August 2016  
*Software Engineer Intern* Berlin, Germany

- Tasks: Development and improvement of the test infrastructure
- Migration of unit tests from cppunit to google test framework
- Replacement of real map data usage with fake data (using gmock) in the functional tests
- Increased code coverage and test coverage

**Jacobs University Bremen** September 2015 - May 2016  
*Teaching Assistant* Bremen, Germany

- TA for 3 courses: "Programming in Python I", "Programming in Python II" and "Applied Calculus"
- Tasks for "Applied Calculus": Grading homework assignments, quizzes, exams and holding small tutorials.
- Tasks for "Programming in Python I and II": Assisting students while they are solving the homework assignments, grading assignments and exams.

**German Research Centre for Artificial Intelligence (DFKi)** April 2015 - May 2016  
*Research Assistant* Bremen, Germany

- Tasks: a mix of hands-on work and software development with respect to supporting experiments and integration work of the robotic systems
- Worked with systems of multi-agents and their implementation in Ruby and C++
- Responsible for developing algorithms for Temporal Planning Problems using graph theory and testing them

## EDUCATION

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**Jacobs University, Bremen** Expected Graduation Date: June 2017  
B.Sc. of Science  
Major: Computer Science