CV
Radu Dragusin

Profile

Birth date: 09.05.1987
Nationality: Romanian
Address: Strandvejen 6, 2100 Copenhagen Ø, Denmark
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Natural Languages

English (fluent), Romanian (native), Danish (basic), Italian (basic), French (basic)

Experience

Teaching Assistant, Department of Computer Science, University of Copenhagen; Copenhagen, Denmark; August 2011 - present

Teaching assistant for Machine Architecture (Block 1, 2011).
Teaching assistant for Principles of Computer System Design (Block 2, 2011/2012).
Teaching assistant for Computer Networks (Block 4, 2012).

Internship, Alcatel Lucent;

Timisoara, Romania; August 2008

Developing an ASP.NET application that provides an analysis of stock market evolution.

Internship, 2G PROD;

Timisoara, Romania; July 2008

In charge of the new release of GSMGuide, a Java ME based phone navigation software.

Education

University of Copenhagen, Denmark - Master Studies, August 2009 - September 2011

MSc in Computer Science

West University of Timisoara, Romania - Master Studies, September 2009 - July 2011

MSc in Artificial Intelligence and Distributed Computing

West University of Timisoara, Romania - Bachelor Studies, September 2006 - July 2009

BSc in Computer Science (English)

Programming Languages

Python, Java, C♯, Bash

Peer Reviewed Publications

Radu Dragusin, Paula Petcu, Christina Lioma, and Ole Winther. *Zebra: searching for rare diseases - A case of task-based search*, submitted to the Task Based and Aggregated Search Workshop, ECIR (2012)

Radu Dragusin, Paula Petcu, Christina Lioma, Birger Larsen, Henrik Jørgensen, and Ole Winther, *Rare Disease Diagnosis as an Information Retrieval Task*, in Proceedings of 3rd International Conference on the Theory of Information Retrieval 2011, Lecture Notes in Computer Science, Springer (2011), doi:10.1007/978-3-642-23318-0_38

Radu Dragusin, and Paula Petcu, *PyAlg: An Algorithm Learning Platform*, in Proceedings of the 5th International Conference on Virtual Learning, Bucharest University Press (2010), ISSN: 1844-8933

Publications Pending Review

Radu Dragusin, Paula Petcu, Christina Lioma, Birger Larsen, Henrik L. Jørgensen, Ingemar Cox, Lars K. Hansen, Peter Ingwersen, and Ole Winther. *Zebra: a vertical search engine for rare diseases*, submitted for publishing to the International Journal of Medical Informatics (2012)

Master Thesis

Radu Dragusin, and Paula Petcu. *A Vertical Search Engine Supporting the Diagnosis of Rare Diseases*. Copenhagen, August 2011. (available at: dragusin.ro/ThesisDIKU.pdf; project webpage: cogsys.imm.dtu.dk/rarediseases/)

Completed Software Projects

FindZebra - a vertical search engine optimised for the task of diagnosing rare diseases (available at: rarediseases.imm.dtu.dk)

RareDisSS - a vertical search engine for rare diseases, the subject of the 2011 paper and of my master thesis (code available at: code.google.com/p/raredisss/)

PyAlg - an algorithm learning platform, the subject of the 2010 published article (code available at: code.google.com/p/pyalg/)

MalcolmFS - a stackable versioning file system implemented in Python (code available at: code.google.com/p/malcolm/)

References

Ole Winther (owi@imm.dtu.dk), PhD, Associate Professor, Intelligent Signal Processing, Informatics and Mathematical Modeling, Technical University of Denmark (DTU); Joint group leader, Gene Regulation, Bioinformatics, University of Copenhagen (KU).

Christina Lioma (c.lioma@diku.dk), PhD, Assistant Professor, Department of Computer Science (DIKU), University of Copenhagen (KU).

Birger Larsen (blar@iva.dk), PhD, Associate Professor, Research group leader, Information Systems and Interaction Design, Royal School of Library and Information Science (IVA), Copenhagen.

Marcos Vaz Salles (vmarcos@diku.dk), PhD, Assistant Professor, Department of Computer Science (DIKU), University of Copenhagen (KU).

Jyrki Katajainen (jyrki@diku.dk), PhD, Associate Professor, Leader of the Performance Engineering Laboratory, Department of Computer Science (DIKU), University of Copenhagen (KU).