

Education

- Graduate student in Computer Science at the University of Maryland, College Park, August, 2005 - Present
- BA in Computer Science, Sofia University "St. Kliment Ohridski", Bulgaria, Faculty of Mathematics and Informatics, (GPA 6.0 out of 6.0), October, 2000 – March, 2005
- Universität Karlsruhe, Germany, Faculty of Mathematics, a study abroad year in the framework of the European Socrates - Erasmus exchange program, September, 2003 – November, 2004
- Cisco Networking Academy Program (CNAP), level - Cisco Certified Network Associate (CCNA), March 2002 – October 2002

Work Experience

- May 2006 – August 2006, Google Inc., Mountain View, CA
A summer internship in the AdSense Backend team at Google Inc. The details of the project are still confidential
- July 2005, Consultant at Bulgarpress, Bulgaria,
Bulgarpress is a Bulgarian company offering delivery services among other things that was in the process of automating its system. Responsibilities included vehicle scheduling algorithm design and demo implementation in C++
- November 2003 – October 2004, Research Assistant at Forschungszentrum Informatik (Computer Science Research Center at the University of Karlsruhe, Germany) in the WIM (Knowledge Management) group
Developed a Java application that parsed .wsdl files describing web services. The application then mapped the services to concepts of an ontology developed for the Institute's Semantic Web enabled Web Services Project
Responsibilities also included proofreading of Boris Motik's thesis "Reasoning in Description Logics using Resolution and Deductive Databases"
<http://www.fzi.de>
- March 2003 – June 2003, Intelligent Computer Systems – Bulgarian Software Company,
Responsibilities included designing and implementing in Java genetic algorithms for positioning of lighting bodies
- March 2002 – October 2002, OCorrect
Research Project of the Bulgarian Academy of Sciences (Central Laboratory for Parallel Processing) and LMU University Munich for Cyrillic and Latin OCR correction using Electronic dictionaries and sentence context
Responsibilities included implementation in C++ of a framework for Finite State Machines, Transducers, Bimachines

Teaching assistant

- University of Maryland, College Park: Cryptology, Organization of Programming Languages, Discrete Structures
- Sofia University "St. Kliment Ohridski", Object-oriented programming, Discrete Mathematics, Introduction to Programming
All of the above included in-classroom teaching.

Prizes and Honors

- Graduate School Fellow, University of Maryland, College Park, 2005-2007
- Awarded the prize on the name of Michael Klett by the *Foundation supporting the Bulgarian Higher Education Sofia-Frankfurt/Main* for excellence in the Higher Education, March 24, 2003, One award per department at Sofia University
- Awarded a National Diploma by the Ministry of Education, Bulgaria for achievements in international competitions and excellence in the High School Education, July 28, 2000

Extra Curricular Activities and Accomplishments

- 39th position in the ACM ICPC (International Collegiate Programming Contest) 2006 World Finals, April 9-13, 2006 San Antonio TX
Representing University of Maryland, College Park
<http://icpc.baylor.edu/icpc/>
- Winner of the Midatlantic Regional Contest of the ACM International Collegiate Programming Contest (ICPC); 154 teams competing; member of the University of Maryland at College Park team, November 12, 2005
- Imagine Cup 2005, Semifinalist in the Algorithm Invitational of the Imagine Cup 2005 contest
<http://imaginecup.com>
- 13th position in the Southwestern Europe Regional Contest of the ACM International Collegiate Programming Contest (ICPC) out of 57 teams; member of the University of Karlsruhe team, November 20-21, 2004, Ecole Polytechnique, France
- 8th position in the Southwestern Europe Regional Contest of the ACM International Collegiate Programming Contest (ICPC) out of 52 teams; member of the University of Karlsruhe team, November 15-16, 2003, Ecole Polytechnique, France
- 4th place in Hewlett-Packard Global Business Challenge out of more than a thousand teams; team of 3 members, August 23, 2001, Singapore
<http://www.ja.org/hpgbc.shtml>

Skills

- Algorithms, Cryptographic Design, Problem Solving abilities
- Languages: C++, Java, Python, Ruby, Ocaml, Shell scripting, Scheme, Prolog
- Windows and various Windows development tools, The Linux platform (more specifically Debian/Gnu Linux) and various Linux development tools

Society Memberships

- Association for Computing Machinery – since November 2003

Languages

- English, TOEFL score – 283 (out of 300)
- German, DSH score - 1.7 (1.0 – very good, 5.0 - failed)
- Bulgarian – native speaker