

Yavor Stoychev
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OBJECTIVE: To obtain a co-op position in computer science. Available August 2012 –May 2013.

EDUCATION

Rochester Institute of Technology

Rochester, NY, USA

Bachelor of Science in Computer Science

Expected May 2014

GPA: 3.75

Dean's List Fall 2011, Winter 2012

Selected to compete for the RIT Team at the 2011 ACM Programming competition.

Courses:

Seminar on Cyber Defense Techniques, Analysis of Algorithms, Social Networks

Otto-von-Guericke University

Magdeburg, Germany

Bachelor of Science in Computer Science

Erasmus Student

Courses:

Advanced Database Models, Data Mining in Changing Environments,

Multimedia and Security, User Interface Engineering

American University in Bulgaria

Blagoevgrad, Bulgaria

Bachelor of Arts in Computer Science, Economics

Expected December 2012

Minor in Mathematics

GPA: 3.51

Dean's List for 2008

Bulgarian Young Leaders Award (Institute of International Education, 2011)

America for Bulgaria Foundation Scholarship (ABF, 2010)

Erasmus Scholarship (EU, 2010)

Courses:

Software Developments using C++ (placement test), Fundamentals of Programming Languages,

Fundamental Data Structures, Object-oriented Languages, Assembly Language,

Computer Architecture, Database Systems, Software Engineering

PROJECTS

- Working on a social networking website using Java and the Neo4j graph database.
- Lead team of four to design and document a browser-based racing game (Software Engineering)
- Worked in a team of four to design a touch-based 3D modeling application based on Blend
- Created an extensible database management system in PHP (DBE at Sourceforge)
- Created a Samba scanner in Python using python-smb and pygtk (smbscanner at Sourceforge)
- Created a sudoku solver in C#
- Created a simple database with a command-line interface in C++ using a binary tree
- Created a file encryption and decryption program in x86 assembly language

SKILLS

Programming Languages: IA-32 asm, C, C++, C#, Java, Perl, Python, HTML, PHP, SQL

Operating Systems: Linux, *BSD, Windows XP/Vista/7, Windows Server 2003/2008

Development Software: Eclipse, Microsoft Visual Studio, GCC, Netbeans, Rational Rose, Ant, Maven

Software: Microsoft Office, Libre Office, VMware Workstation, Virtualbox, Apache, Tomcat, MySQL

Techniques: MFC, WPF, Libc, Bionic, GTK, QT, Spring, GTK, QT, WPF, Neo4j

EXPERIENCE

Ryba Corporation

Bike Rental Clerk

Mackinac Island, MI

5/09 – 8/09

Clark's Indian Lake Marina

Boat Rental Clerk

Indian Lake, NY

5/08 – 8/08

ACTIVITIES

- Member, RIT Linux Users Group
- Member, Computer Science House at RIT
- Member, Free & Open Source Group at RIT
- Senior Member, Computer Science Student Union at AUBG (ACM Chapter for Bulgaria)
- Member, Physics Society (First English Language School, Sofia, Bulgaria)
- Member of the Astronomy Association in Sofia

ACHIEVEMENTS

- Prize 2000 for High Achievements in Piano Playing (National School of Music, 1999)
- Certificate for excellent performance in the Svetoslav Obretenov music contest. (Provadiya, 2000)
- Third place on the Olympiad in Physics (Sofia, 2005)
- Certificate for active participation in the Day of Physics in the Earth and People Museum (Sofia, 2005)
- Prize for excellent performance in the youth conference "Physics in Biology and Medicine" (Sofia, 2006)
- Prize for excellent performance in the student conference "Physics through my Eyes" (Yambol, 2006)
- Certificate of Merit for excellent performance in the Melpomene drama contest (Sofia, 2007)
- Third place on the Olympiad in Computer Science (Sofia, 2007)
- Certificate of Merit for contributions to the school orchestra (Sofia, 2008)
- Certificate for active participation in the 50th anniversary concert of the First English Language School (2008)
- Certificate of Merit for high overall grades (Graduation Ceremony, Sofia, 2008)
- Selected for Erasmus Exchange at Otto-von-Guericke University for Spring 2011
- Selected to participate in the Cyber Defense Techniques Seminar at RIT (Rochester, NY, August 2011)
- Fourth place at the northeast regional ACM Programming competition. (Oswego, NY, 2011)
- Admitted into the American Institute on Political and Economic Systems, administered by TFAS (2012)

INTERESTS & HOBBIES

Computer Science Interests: Algorithms, Operating Systems

Economics Interests: Economic Policy, International Economics

Mathematics Interests: Discrete Mathematics, Differential Equations

Sports: Volleyball, swimming, skiing, tennis

Personal Hobbies/Interests: Hiking, camping, traveling, photography, piano, clarinet & guitar playing

REFERENCES: Available upon request.