



CONTACT INFORMATION

Name: Alexander Georgiev
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PERSONAL INFORMATION

Date of Birth: 12. April, 1987
Place of Birth: Stara Zagora, Bulgaria
Citizenship: Bulgarian

HOBBIES AND INTERESTS

Programming competitions, books,
music, movies, sports, and problem solving

PROFESSIONAL QUALIFICATION

Programming Languages

Vast experience with C/C++, as it is my language of choice for work, personal projects, and programming competitions.

Considerable experience with Java and Python as part of my internships at Facebook, work at VMWare and Skyscanner, and some personal projects.

Some experience with JavaScript, HTML, CSS and PHP as part of two of my jobs and while developing several personal projects.

Minor experience with C#, Pascal and Scheme.

Algorithms & Data Structures

Very strong algorithmic background. Particularly good at graph theory and dynamic programming. Some experience with A.I.

Advanced knowledge of data structures, including exotic ones.

LANGUAGES

Bulgarian (native)
English (advanced)
German (basic)

AWARDS

International

Achieved red rating in TopCoder
Achieved red rating in CodeForces
First place in CodeForces Round 192, Div1
First place in CodeForces Round 29, Div2
First place in TopCoder SRM 367, Div2
Third place in TopCoder SRM 518, Div1
Third place in TopCoder SRM 530, Div1
Semi-finalist of Google Code Jam in 2008
Finalist of Google #HashCode in 2016 and 2017

National

Alma Mater award from the rector of Sofia University
First place in *The Dean's Cup* competition
Multiple first places in a tournament, organized by Musala Soft. and PC Magazine Bulgaria.
First place in a Bulgarian programming high-school competition

EMPLOYMENT HISTORY

Employer: Skyscanner

Senior Software Engineer
• February 2015 – June 2016
Principal Software Engineer
• June 2016 – present

Worked on scalable price prediction system and later on price accuracy. Won CEO award in 2016 for the price predictor.

Employer: VMware

Member of Technical Staff III
• September 2014 – January 2015
Developed a tool for automatic analysis of the usability and adoption of the company's products.

Employer: Google

Software Engineer
• March 2012 – April 2014
Worked on users' options to control their privacy.

Employer: Everbread

Software Engineer
• September 2011 – November 2011
Worked on the airfare search engine "Haystack".

Employer: Facebook

Software Engineering Intern (News Feed)
• February 2011 – June 2011
Developed framework for distributed log analysis.

Employer: Facebook

Software Engineering Intern (Messenger)
• July 2010 – October 2010
Developed auto-recovery tools for HBase.

Employer: MM Solutions

Software Engineer (part-time)
• July 2007 – March 2009
Developed face-detection for embedded (cell phone) camera.

Employer: Grit-More!

Web Designer (part-time)
• June 2005 – July 2007
Designed websites for the properties of a small construction company.

MISCELLANEOUS

Publications

Author of few publications in PC Magazine Bulgaria and the online magazine Infoman
Creator and owner of *informatika.bg* - an educational website for algorithms, data structures and general preparation for programming competitions

Teaching

Taught the classes *Design and Analysis of Algorithms*, *Programming 101*, and *Competitive Programming* in Sofia University
Lecturer in summer camps for the national team in informatics

Competition Preparation

Involved in problem preparation for national high-school and university student competitions
Prepared problem sets for TopCoder: SRMs 483, 534, 543, 606, TCO2012 Round 1A, TCO2013 Round 1B, TCO2014 Round 1A; also parts of SRM 572 and 577

EDUCATION

Institution: Sofia University

Degree: Master's
Major: Artificial Intelligence
Year of Graduation: 2013 (dropped out)

Institution: Sofia University

Degree: Bachelor's
Major: Computer Science
Year of Graduation: 2011

High-school institutions:

Language School "K. Galabov" (2004-2007)
Monterey High, California (2003-2004)
Language School "K. Galabov" (2002-2003)
Language School "Romain Rolland" (2001-2002)