



## CONTACT INFORMATION

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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, games, and problem solving

## PROFESSIONAL QUALIFICATION

### Programming Languages

Plenty of experience with **Python** as part of my internships at Facebook, work at VMWare, Skyscanner, Hyperscience, and Insurify, as well as some personal projects.

Lots of experience with **C/C++**, as it is my language of choice for programming competitions and optimization problems.

Considerable experience with **Java** during my work at Skyscanner, as well as when preparing problems for TopCoder.

On the front-end side, I have moderate experience with **PHP**, as well as some experience with **JavaScript**, **HTML**, and **CSS** as part of two of my jobs and while developing several personal projects.

### Algorithms & Data Structures

Very strong algorithmic background. Particularly good at graph theory and dynamic programming. Some experience with A.I. Advanced understanding of data structures, including exotic ones.

### Technologies

Linux, Windows, MacOS, AWS, Shell/Bash, Git, Docker, Jenkins, Django, Flask, AWS, MySQL, Redis, Splunk, Selenium, Kibana, JIRA, Asana,

## 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:

## EMPLOYMENT HISTORY

### Employer: Insurify

#### Staff Software Engineer

- October 2020 – present

Worked with my team to split up a monolith into micro-services and containerized, as well as supported, some of the most critical for the company projects. Team lead role for the last several months.

### Employer: Skyscanner

#### Senior Software Engineer

- November 2018 – September 2020

Worked on designing and developing a machine learning framework. Also took part of exploring some of the algorithms that ran on it (e.g., for result ordering).

### Employer: Hyperscience

#### Senior ML Engineer

- September 2017 – March 2018

Was supposed to work developing the company's ML algorithms, but *actually* worked mostly on supporting their Django stack, thus left shortly after.

### Employer: Skyscanner

#### Senior Software Engineer

- February 2015 – June 2016

#### Principal Software Engineer

- June 2016 – September 2017

Worked on scalable price prediction system and later on price accuracy. Won CEO award in 2016 for the price predictor. Was a team lead for approx. year and a half.

### 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

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

## LANGUAGES

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

## MISCELLANEOUS

### Publications

Author of few publications in PC Magazine Bulgaria and the online magazine Infoman  
Creator and owner of [informatika.bg](http://informatika.bg) - an educational website for algorithms, data structures and general preparation for programming competitions, as well as its "testing" system [action.informatika.bg](http://action.informatika.bg).

### 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 problems for dozens of TopCoder competitions (SRMs and TCO Rounds).

## 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

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-Morel](#)

#### Web Designer (part-time)

- June 2005 – July 2007

Designed websites for the properties of a small construction company.