Daniel SMILKOV

Current address: *70 Pacific Street Apt 540B, Cambridge, MA 02139*
Email: *smilkov@mit.edu*
Phone: *+1 (857) 318-9950*

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA (Cumulative GPA: 5/5)   *2014*
- Master's candidate at MIT Media Lab
- Focus on data analytics and statistical inference

SS. Cyril and Methodius University, Skopje, Macedonia (GPA: 3.9/4)   *2011*
- Bachelor + Master's degree in Computer Science
- Focus on algorithms and data structures

WORK EXPERIENCE

MIT, Research assistant, Macro Connections Group (macro.media.mit.edu), **Cambridge, MA**   *2012-*
- Email data analysis + visualization (https://immersion.media.mit.edu)

Maced. Acad. of Sci. and Arts, Researcher, Complex Systems and Networks, **Skopje, Macedonia**   *2010-2012*
- Worked with a professor from UCSD
- Mining and modeling large real-world social, technological and biological networks
- Published 5 journal papers in the field of Network Science (list available upon request)

IBM Research, Research Intern, Distributed Digital Media Group, **Hawthorne, NY**   *2010 8 months*
- Routing algorithms for P2P video conferencing
- Published 2 papers in IEEE conferences (list available upon request)
- Launched a prototype P2P videoconferencing software on IBM's internal website

Time.mk, Software intern, Tech start-up, **Skopje, Macedonia**   *2009 summer*
- News aggregator website (like Google news) founded by ex-Googler
- Ranked 1st by number of visits in Macedonia
- Worked on automated news content extraction and clustering

Netcetera A.G., Software Intern, Branch in Skopje, **Skopje, Macedonia**   *2008 summer*
- Leading Swiss software company
- Implemented an event notification system in Java, client-server architecture.

CONTESTS AND AWARDS

CodeFu Seasonal, national algorithm competition, **Skopje, Macedonia**   *2009*
- 1st place (won an iPod)

CodeFu Annual, national algorithm competition, **Skopje, Macedonia**   *2007*
- 3rd place (fully covered expenses to Jazoon, International Java conference in Zürich)

ACM SEER, international algorithm competition, **Bucharest, Romania**
- Represented our university (3 students out of 400)

Government scholarship awarded to top 100 graduate students   *2009-2011*
Government scholarship awarded to talented university students   *2005-2009*

PROGRAMMING SKILLS

Java, Python, Javascript, C/C++, Matlab, R, HTML/CSS, SQL and non-SQL databases