Miroslav Klimoš

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Lidická 45
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Education and Academic Experience

- **Sep 2012 – now**: Master's program in Theoretical Computer Science
    - ⋆ Faculty of Informatics, Masaryk University, Brno, Czech Republic
    - ⋆ Diploma thesis: "Effective Strategy Synthesis for Code Breaking Games"
- **Sep 2009 – Jun 2012**: Bachelor's program in Computer Science
    - ⋆ Faculty of Informatics, Masaryk University, Brno, Czech Republic
    - ⋆ Bachelor Thesis: "Synthesis of Minimal Schedulers for Markov Decision Processes"
    - ⋆ Grade average 1.05 (scale 1–4)
    - ⋆ Regular recipient of scholarship for the best students
    - ⋆ Study stay at Aalborg University, Aalborg, Denmark (spring 2011)
    - ⋆ Co-authored paper at LATA 2012: M. Klimoš, K.G. Larsen, F. Štefaňák, J. Thaarup: Nash equilibria in concurrent priced games

Skills

- Mastery of C/C++, Python
- Advanced knowledge of C#, .NET framework, PHP, Haskell, Mathematica
- Active use of both Windows-based and Linux-based technologies
- Knowledge of advanced algorithms (incl. linear programming, approximation algorithms, randomized algorithms, etc.) and advanced data structures
- Spoken languages: Czech (native), English (fluent), Spanish and French (basic)

Work Experience

- Facebook, Menlo Park, CA, US (Jun 2013 - Sep 2013)
    - ⋆ Software Engineer Intern – improving site performance by implementing asynchronous functions for PHP (C++, PHP)
- Microsoft, Dublin, Ireland (Sep 2012 - Feb 2013)
    - ⋆ Software Engineer in Test, intern – development of a test framework for a web service (C#/.NET, Windows Azure, TFS)
- Masaryk University, Brno, Czech Republic (2011 - present)
    - ⋆ Teaching assistant and tutor – courses Algorithms and Data Structures I and II; Automata, Grammars, and Complexity
    - ⋆ Programming tasks and analysis of user behaviour on the on-line tutoring system "Tutor" – http://tutor.fi.muni.cz (Sep 2011 – Jan 2012)

Awards

- Dean's Prize for outstanding Bachelor Thesis (2012)
- International Olympiad in Informatics (IOI)
  – silver medal in 2007 (53rd/286), silver medal in 2008 (47th/258)
- International Mathematical Olympiad (IMO)
  – bronze medal in 2007 (197th/520), silver medal in 2008 (64th/535)
- Central European Olympiad in Informatics (CEOI)
  – bronze medal in 2006 (8th/28)
- International Mathematics Competition for University Students (IMC)
  – "2nd prize" in 2011 (88th/305)

Related Activities

- 2005 – 2013: Organizing mathematical and programming seminars for talented high school students (Brkos, KSI) – task preparation, grading, math camps
- 2011 – 2012: Team leader of KSI (Seminar on Computer Science)
- 2009 – 2010: ACM ICPC – Central European Programming Contest

Unrelated Interests

- Travelling, backpacking, hiking (visited 30+ countries)
- Photography; Badminton, Ultimate Frisbee