

Dmitry M Zamkov

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Bio

Independent computer scientist; strong grasp of theory; experience developing applications in multiple paradigms

Education

Warhill High School, 2009 – 2013, Valedictorian
University of Illinois at Urban-Champaign, 2013 – Present, GPA 4.0
•Pursing a BS in Computer Science, expecting completion in 2017

Skills

- C#, Haskell, SQL, Java, F#, Javascript, C++, Assembly (IL, PIC)
- Linux, Windows 98 – Windows 7
- Desktop applications in .NET
- Git, Subversion
- 2D/3D Visualizations using OpenGL
- Modeling and simulation

Portfolio at <http://dzamkov.github.io/>
Independent projects at <http://github.com/dzamkov>

Experience

Venuity Healthcare 2009 – Present
Newport News, Virginia
Information Technology Intern
•Independently developed software and customizations as needed by the company
•Created PunchClock, a proprietary employee time-tracker and visualizer, currently in use

College of William and Mary 2012 – 2013
Williamsburg, Virginia
Mentorship with Qun Li
•Created a cryptography library for zero-knowledge proofs in C
•Library allows data verification without sacrificing privacy of contents
•Foundation for further development in William and Mary's Computer Science department

Awards

- National Merit Commended Scholar – 2012
- RIT Computing Medal Scholarship – 2012
- 1st place team in Great Computer Challenge – 2012, 2013