

ALEXANDER G. SILVERSTEIN

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Education

- **Carnegie Mellon University** Pittsburgh, PA
B.S. in Computer Science *Graduated May 2010*
 - Graduated with University Honors
 - Minor in Economics
 - GPA: 3.53

Notable Coursework:

- 15-441: Computer Networks
- 15-415: Database Applications
- 15-410: Operating System Design and Implementation
- 15-381: Artificial Intelligence
- 15-359: Probability and Computing
- 15-312: Principles of Programming Languages

Experience

- **DRW Trading Group** London, England
Software Engineer *July 2010 - Present*
 - Develop and support proprietary, web-based trading platform
- **Bloomberg L.P.** New York, NY
Software Development Intern *May 2009 - August 2009*
 - Extended and maintained multiple functions on the Bloomberg terminal
- **Carnegie Mellon University - Qatar** Doha, Qatar
Teaching Assistant *January 2009 - May 2009*
 - Served as Teaching Assistant for three undergraduate computer science courses
- **Amazon.com** Seattle, WA
Software Development Engineer Intern *May 2008 - August 2008*
 - Developed migration utility from Simple Storage System to Elastic Block Storage
 - Extended internal management utility in Ruby on Rails
- **Versatile Systems, Inc.** Mechanicsburg, PA
Java Development Internship *March 2005 - August 2007*
 - Developed self-service credit application kiosk in Java
 - Replaced custom Java rendering framework with Swing

Skills

Operating Systems: Linux (Gentoo, Ubuntu, and Slax)

Computer Languages: Proficient in Java, C, SML/NJ, \LaTeX

Competent in Javascript, HTML, CSS, Haskell, SQL

Familiar with Perl, Python, Ruby, UNIX Shells

Tools: Git, Subversion, GDB, IntelliJ, JUnit, Vim

Achievements and Activities

Won National Programming Competition in U.A.E.

Working through Project Euler in Haskell

Recognized as a National Merit Scholar and AP Scholar with Distinction

Received William R. Pierce Academic Achievement Award in Computer Science

Played snare drum competitively in marching band and senior drum and bugle corps