# NICHOLAS SOLICHIN

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## EDUCATION

- **University of California, Los Angeles** – *Jun 2013*
  *Computer Science and Engineering B.S.*  GPA: 3.85 (Major), 3.89 (Cumulative)

## EMPLOYMENT

- **UCLA Financial Aid Office** – Web Assistant *(Jan 2010 – Present)*
  Wrote Visual Basic mailing scripts and T-SQL database management queries.
- **Google –** Software Engineering Intern in Test *(Jun 2012 – Sep 2012)*
  Implemented a tree-based diffing algorithm.
  Co-developed the intern assassin game website in App Engine.
- **Google –** Software Engineering Intern *(Jun 2011 – Sep 2011)*
  Designed a pipeline for manual reviews of AdSense for Domains publishers.
  Implemented a MapReduce for finding blacklisted sites that redirect to publisher sites.
- **Symantec –** Summer Intern *(Jun 2010 – Sep 2010)*
  Built a project management tool in ASP.NET MVC framework (C#).

## RESEARCH

- **Research Project –** Parallelism in Virus Scanning *(Sep 2010 – Mar 2011)*
  Examined speed-up of Boyer-Moore implementation using OpenMP and pthreads.
  Improved parallel Rabin-Karp algorithm in CUDA.

## EXPERIENCE

- **OS**: Windows, Unix
- **Languages**: Python, JavaScript, C/C++, Java, PHP, C#, Ruby
- **Version Control**: Git, Perforce, SVN

## GROUPS

- **Association of Computing Machinery**, *UCLA Chapter*
  Treasurer *(Sep 2011 – Present)*
- **Tau Beta Pi**, Engineering Honor Society
  Member *(Fall 2010 – Present)*
  Webmaster *(Summer 2011 – Spring 2012)*
- **Upsilon Pi Epsilon**, *Computing and Information Disciplines Honor Society*
  Member *(Fall 2010 – Present)*