Dan Iter
Palo Alto, CA 94306
iter.dan@gmail.com / cs.stanford.edu/~daniter
(917) 386 - 4462

Education:

2016-Present Stanford University
- MS in Computer Science (expected graduation 2017)
- Advised by Prof. Chris Ré, research in machine learning
- Specialization in Artificial Intelligence
- GPA 3.75

2007-11 Columbia University, School of Engineering and Applied Sciences
- B.S. in Computer Science
- 3.96 GPA (4.023 Major GPA)
- Academic honors: Summa Cum Laude, Russell C. Mills Award for Excellence in Computer Science, Dept. of CS Outstanding Academic Achievement and Scholarship Award

Research Experience/ Publications:

2016   Research Assistant to Prof. Chris Ré at Stanford University
- Paroma Varma, Rose Yu, Dan Iter, Christopher De Sa, Christopher Ré, "Socratic Learning: Empowering the Generative Model," arXiv:1610.08123
- Stefan Hadjis, Ce Zhang, Ioannis Mitliagkas, Dan Iter, Christopher Ré, "Omnivore: An Optimizer for Multi-device Deep Learning on CPUs and GPUs," arXiv:1606.04487

2010-2011 Academic Year   Information Retrieval in Social Media
- Hila Becker, Dan Iter, Mor Naaman, Luis Gravano, "Identifying Content for Planned Event Across Social Media Sites", in Proceedings of the Fifth ACM International Conference on Web Search and Data Mining (WSDM '12)
- Hila Becker, Feiyang Chen, Dan Iter, Mor Naaman, Luis Gravano, "Automatic Identification and Presentation of Twitter Content for Planned Events," to appear in Proceedings of the Fifth International AAAI Conference on Weblogs and Social Media (ICWSM '11), demo paper

Employment Experience:

July 2015 - December 2015 Intel
Research and Development Engineer
- Evaluated various machine learning algorithms on new highly parallel processing architecture
- Profiled algorithms on simulated hardware and consulted on architecture design based on bottlenecks and data access patterns

July 2012 - July 2015 Infinio
Software Engineer
- Contributed to custom Virtual Host Bus Adapters and Path Selection Policy modules for supporting iSCSI storage acceleration. In progress.
- Worked across the stack (java web console and c++ backend engine) to support acceleration of ESXi host servers without local hard drives. This feature

significantly expanded market opportunities. Modified our custom Ubuntu VM to run entirely in memory and wrote host side scripts to manage configuration data
- Designed and implemented our cross platform installer using python, WebKit, javascript, HTML and CSS. Having a web front end allowed us to have a consistent UI between the product and installer and even sharing style sheets.
- Worked across the full stack of company technology including, java (Spring web MVC), C++ engine, python scripting and applications, C kernel modules, CI tools (Jenkins) and UI (Javascript/HTML/CSS)

July 2011 – July 1012 <u>Microsoft – SQL Server</u>
   Software Development Engineer
- Shipped SQL Server 2012 (Denali), contributing to Power View, Report Builder 3.0, Business Intelligence Development Studio
- Main feature work in Power View Map visualization
- Upgraded Report Designer and Report Viewer for Visual Studio 11 (Dev11) including Metro style update

June – Aug. 2010   <u>JP Morgan Chase – Investment Bank</u>
   Technology Analyst - Developer
- Analyst for Pre-Trade Analytics Technology Group
- Researched optimal methods of data transfer between data server and external applications
- Developed a Servlet to processes and provide data to iPad application
- Added functionality to data server lexer/parser for complex expressions

June – Aug. 2009   <u>JP Morgan Chase – Private Bank</u>
   Technology Analyst – Quality Assurance
- Participated in design meetings for front end development of Order Netting tool
- SIT and UAT testing of Middle Office Hedge Fund Trading Tool

June – Aug. 2008   <u>JP Morgan Chase – Private Equity Fund Services</u>
   Technology Analyst – Business Analyst
- Participated in project that eliminated 80% of outstanding items in bank reconciliation and contributed research to Client Master Sheet database
- Designed and developed PEFS Learning Site on SharePoint

<u>Leadership & Extracurricular:</u>
- Intel Machine Learning Student Ambassador
- Stanford Community Associate
- ENGAJ Fellow
- Volunteering - Organized and participated in volunteering for adults with disabilities, senior citizens, community gardening and general community building in San Fransisco and Boston and Tel Aviv
- Teachers Assistant – Intro to CS, CS Theory, Data Structures and Algorithms
- (2004- 2007) Collaborated with The Museum of Jewish Heritage to conduct research and manage artifacts at Bronx Science Holocaust Museum