

**Keywan Tabatabai**  
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## **EDUCATION**

**University of Southern California**, Los Angeles, CA  
M.S. Computer Science, Specialization Computer Networks

*May 2007*

**College of William & Mary**, Williamsburg, VA  
B.S. Computer Science with High Honors, Mathematics  
Cum Laude

*May 2005*

## **WORK EXPERIENCE**

**CIO**, Medtek.net Inc., Woodland Hills, CA

*July 2013 - Present*

- Architected a patient chart web application, which empowers surgery centers & hospitals to streamline the preparation/printing of their patients' charts as well as to digitally store them after they have been filled out.
- Developed a medical transcription iPhone app that enables physicians to dictate reports for their patients, pull patient information and procedures from a schedule as well as submit their transcriptions and then to also view and digitally sign their reports. Further features include bulk signing multiple reports, residents dictating for other physicians.
- Created a new company brand identity, which includes a new company logo, website, business cards as well as other websites to further company footprint.

**CEO & Co-Founder**, SocialVents Inc., Los Angeles, CA

*April 2011 – October 2014*

- Developed idea and new concept for visual event discovery and promotion
- Created custom-built framework, comprised of PHP, Ajax, Smarty templates and MySQL
- Utilized various technologies and APIs offered by Google Maps, Facebook, Foursquare, PayPal, Eventbrite, Yelp, YouTube, Plaxo etc..
- Employed numerous Java robots to aggregate hundreds of thousands of global events monthly from various event and ticketing web sites
- Built iOS app in order to provide a mobile, location-based solution, which lets users discover nearby events in real-time
- Established partnerships with the likes of Eventbrite, Constant Contact, Front Gate Tickets and many more event/ticket sites

**Lead SQL Developer (Contractor)**, Health Advocate, Westlake Village, CA

*November 2011 – June 2013*

- Architected a scalable database and table infrastructure to deal with millions of patient, hospital and provider health care records
- Employed MS Business Intelligence tools in order to detect newly received client files, to automatically verify them and to load them into DB table structures
- Developed backend database functionality to power a dynamic dashboard displaying pertinent patient information

**IT Manager**, Health Benchmarks Inc./IMS Health, Woodland Hills, CA

*October 2007 - November 2011*

- Oversight of IT department that included a Backup Administrator, a Network Administrator, a Desktop Administrator and a Web Developer
- Conducted monthly meetings, which discussed progress of each individual's ongoing projects, finished tasks, suggestions for improvement, as well as future plans and technology innovations
- Performed annual employee evaluations, which entailed a written and a verbal assessment for each team member
- Monitored and improved network infrastructure, security, server performance, backup operations as well as data storage on SAN in excess of 25 Terabytes
- Worked successfully with the CEO on establishing IT budgets, IT expansion plans, and on ultimately having Health Benchmarks Inc. acquired
- Led IT integration and planned move of IT data center to an offsite data center location
- Programmed HP OpenView and HP LoadRunner scripts to monitor traffic, uptime and possible threat levels for various interactive IMS Health websites
- Wrote up official documents communicating IT methodologies, procedures, security measures and IT policies to potential and current clients

**Data Analyst**, Health Benchmarks Inc., Woodland Hills, CA

*June 2007 - October 2007*

- Developed program with frontend GUI to aid statistical programmers in automatically setting up execution of their data runs
- Streamlined production processes through the automated linking of necessary input files to run statistical indicators on large datasets
- Led project of converting SAS programs that use large amounts of data to C++ programs with MySQL for improved performance
- Maintained and improved various Access databases along with built-in scripts

**Software Developer**, NCR, El Segundo, CA

*May 2006 - August 2006*

- Developed multi-threaded TPTAPI dual active application for windows
- Upgraded and validated internal documentation for installing and running TPTAPI software
- Conducted performance tests of Teradata Parallel Transport operators (32-bit and 64-bit)
- Validated various TPTAPI 8.2 packages Reviewed TPTAPI 8.2 user guide and made corrections

**Research Assistant**, College of William & Mary, Williamsburg, VA

*May 2005 - July 2005*

- Researched networks and network security specifically by measuring, fingerprinting, and analyzing network traffic
- Created cron job scripts, written in Perl, to parse large streams of real-time network data in order to detect traffic patterns and anomalies
- Visualized findings and comparisons with Gnuplot

**Network Engineer**, College of William & Mary, Williamsburg, VA

*April 2002 - May 2005*

- Maintained the campus network
- Programmed user-, web-, and network-applications
- Built/Installed network devices
- Created diagrams and charts using Visio
- Troubleshoot computers and network devices

## **PAST PROJECTS**

**Creator & Founder**, whatcelebstweet.com, Los Angeles, CA

*April 2010 - November 2010*

- Programmed interactive website with PHP and embedded MySQL to serve visitors with real-time data, including tweets, photos and RSS feeds
- Employed the Twitter API in periodically running scripts to obtain needed real-time information from Twitter users and to store it in local database
- Created locally stored photo gallery with accompanying picture descriptions by parsing tweets for links to photo-sharing websites and scraping photos

## **SKILLS**

**Proficiency** in C, C++, C#, Java, Objective-C, Swift, PHP, Javascript, Perl, Python, Ruby, HTML, Xcode, MPI, OpenMP, Smarty, SQL, SQL\*Plus, BTEQ, SSIS/SSRS/SSAS, Protégé, Visio, UNIX, Linux, Sun Solaris, Solaris SPARC, HP-UX, AIX, CommVault Backup, SAN Management

**Languages:** German (fluent writing/speaking), Spanish and French (some experience)

## **RECOGNITIONS**

Dean's List - 4/8 semesters

High Honors for Senior Honors Thesis, Identifying Low-Profile Web Server's IP Fingerprint

NSCS, The National Society of Collegiate Scholars

Phi Eta Sigma, Honor Society

Alpha Lambda Delta, Honor Society

## **PUBLICATIONS**

Keywan Tabatabai, Mengjun Xie, and Haining Wang

Identifying Low-Profile Web Server's IP Fingerprint,

Appeared in Proceedings of IEEE QEST 2006, Riverside, CA, September 2006