# TJ Trapp

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## Professional Summary

Well versed in web application development utilizing Javascript, CSS and HTML.
Team leader, motivator and decision maker.  Ivy-league educated.

## Objective

Provide technical solutions to create cutting-edge systems

## Technical Experience

Javascript, HTML, CSS, Objective-C, PHP, C#, Java
Backbone, Node, Mustache (PHP and JS), jQuery
XCode, Git, SVN, Visual Studio, TFS

## Relevant Experience

**Trippy.com,** El Segundo, CA                                                      **Feb. 2012 - Current**
**Lead Javascript Developer**
- Coded web site components using HTML5 and Javascript and provided appropriate fallbacks
- Built a bookmarklet which scanned all page images and allowed posting images back to the web site
- Created reusable javascript modules and widgets using the YUI library
- Used fixed positioning and ajax data loading techniques to create an infinite scroll experience
- Plotted user generated content on a map using the YUI library App framework and Google v3 map api
- Queried the foursquare venue api and rendered results on a map using Google v3 map api
- Demonstrated my code each Tuesday at the company meeting
- Built iOS app using the foursquare api to transfer foursquare check-in photos to Trippy.com

**Stealth Startup,** Santa Monica, CA                                            **Feb. 2011 - Jan. 2012**
**Lead Developer**
- Architected and coded multiple websites using Javascript, HTML, CSS and PHP
- Created a near real-time single-page web application using Backbone.js as the front-end framework
- Prototyped a real-time web app using Node JS and socket.io to connect the client and server
- Built a bundling and minification tool in Java for use in our website to enable fewer client requests
- Implemented a front-end in iOS using our API and the UITableView's cell dequeueing pattern
- Optimized our iOS app to obtain close to 60 FPS by ensuring opaqueness and minimizing subviews
- Drove technical direction by performing research and doing hands-on demonstrations for the team
- Conducted coding classes to raise awareness of alternate approaches such as Clojure and NodeJS

**MySpace, Inc.,** Beverly Hills, CA                                              **Sept. 2009 - Feb. 2011**
**Lead Software Developer**
- Coded features for new web site using SVG, Javascript, C#, HTML and CSS
- Lead a team of 6 engineers to build the new home page, sign up process and header/footer
- Architected and coded A/B testing platform as well as trained many developers on usage
- Lead team of 4 enginners to roll out MySpace's current home page
- Member of the User Experience committee

**MySpace, Inc.,** Beverly Hills, CA                                              **May 2008 – Sept. 2009**
**.Net Developer**
- Coded song and artist management pages for MySpace music project using C#, JS, HTML
- Coded enhancements to photo management pages using Javascript, HTML, CSS and C#
- Converted the Favorites application from Cold Fusion to C#
- Refeactored the account settings code base to allow for quicker code changes
- Member of the team tasked with buiding MySpace a better development environment
- Created the web configuration file for the Windows Server 2008 rollout

**Warner Brothers Entertainment, Inc.,** Burbank, CA                 **March 2006 – April 2008**
**Senior Application Developer**
- Member of Technical Oversight Group
- Architect / developer of financial application rewrite using ASP.Net 2.0 C#
- Coded custom business objects that inherit from the CSLA and utilize the Enterprise Library 3.0
- Full SDLC on a legal rights management system implementing Active Directory authentication
- Performed object modeling with UML using Enterprise Architect
- Interface custom application with Oracle Financials
- Perform break/fix and small enhancements to VB6 applications
- Create financial reports using T-SQL and PL/SQL, VB6 and Excel


**NBC Universal Home Entertainment**, Universal City**,** CA                 **March 2003 – Sept. 2005**
**Senior Programmer Analyst**
- Programmed client/server application, STAR, in VB6 to forecast revenue, units and costs associated with a movie title
- Programmed VBA Excel Add-Ins to interface with SQL server and Essbase
- Created Windows installer package using Wise for Windows installer; package subsequently deployed to over 30 desktops via SMS
- Responsible for all code changes to shared library modules
- Created use case, sequence and class diagrams using UML
- Installed, configured and administrated Hyperion Essbase, EAS, EIS and Analyzer
- Programmed DAL, BLL, UIControllers and Views in VB.Net for the ASP.Net version of STAR
- Test driven development using NUnit for all DAL and BLL classes
- Implemented Microsoft Application Blocks into the ASP.Net web application
- Utilized designed patterns where appropriate during development of DAL, BLL and business entity objects
- Engaged clients by organizing sessions to gather requirements and by following up to obtain sign off on generated documentation

# Education

**University of Pennsylvania**, Philadelphia, PA
    School of Arts and Science
    Bachelor of Arts in Sociology, May 1999
    Activities: Varsity Football (1998 Ivy Champs), Phi Gamma Delta Fraternity

**Significant Courses**
Computer Science Engineering
- CSE 350 – Software Design / Engineering                 Jan. 1999 – May 1999
  - Team Based Development, Architecture Specifications, Interface & Design Specifications, Test Plans, Interface Evaluations, Documentation Preparation and Product Presentation
- CSE 330 – Database Management Systems                 Sept. 1998 – Dec. 1998
  - Relational, Object Oriented, Locking, Normalization, De-normalization, Normal Forms, Boyce-Codd, Indexes, Clustered Indexes, T-SQL, Query optimization
- CSE 121/131 – Programming Languages & Techniques II                 Jan. 1998 – May 1998
  - Java, Object Oriented, Unix, Emacs
- CSE 120/130 - Programming Languages & Techniques I                 Sept. 1997 – Dec. 1997
  - Scheme, ML, Arrays, Conditionals, Recursion, Lists, Functions, Searching, Sorting, Unix, Emacs