St. Paul, MN, United States
tamouse@gmail.com
http://tamouse.org
https://github.com/tamouse

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Technical Skills

Likes: ruby ruby-on-rails php perl linux gnu unix emacs bash git nosql postgresql
Dislikes: windows .net asp.net coldfusion java

Experience

2001 → Current **Webologist** – Tamara Temple Web Development
ruby-on-rails, php, mysql, jquery, css3, html5, knockoutjs, backbone.js

Webologist and Tech Maven, deeply into the practice of Software Engineering as a Craft. Leading software developers in the art of Test- and Behaviour-Driven Development, and providing a wealth of experience in guiding teams of developers, testers, operations and other people involved in the creation and deployment of web applications.

Critically concerned with delivering products and services that delight and amaze customers and users, building strong brand recognition and loyalty by the means of solid user experience, function and form.

Constantly striving for ways to reduce technical debt, overhead, and wasteful activity within projects. Not afraid to ask critical questions to ensure healthy features are delivered on time and within budget.

Work with team members to provide a fun, healthy, productive, diverse, and cohesive team of managers, analysts, developers, quality assurance, and operations.

Experienced in:

- technical leadership
- managing and facilitating teams
- analyzing technical and business processes
- developing software products and utilities
- setting up testing laboratories, automating software testing and managing the testing process
- designing and developing static and dynamic websites.

May 2007 → Apr 2008 **Senior QA Engineer** – Shopzilla, Inc.

Quality assurance and process improvement for business intelligence information development team.

Oct 2003 → Jun 2006 **Business Analyst** – Hewlett-Packard

Providing technical leadership and support for the migration of the contracts management system to a new system, ensuring the smooth transition of users and data. * Analyzed requirements and wrote a detailed requirements specification and migration plan for users, meta-data, and contract files. * Developed several Perl tools to analyze and convert data to the new system. * Demonstrated the migration tools for potential clients and their stakeholders. * Analyzed clients' business processes and matched them to processes for the new system; created process and flowchart diagrams to communicate the processes to client users. * Provided training for clients. * Provided ongoing technical support for the new contract management system.

Oct 2002 → Feb 2003 **Web Developer** – FEDICO

Primary web developer for database-driven external and internal web sites. * Designed and developed intranet application in HTML, Javascript, ColdFusion and MySQL for managing the insurance sign up process for federal employees. * Designed and developed a web form to collect and transmit insurance applicant information to the insurance administration site, using JavaScript to validate the form.

Jun 1991 → Aug 2001 **Business and Technical Consultant** – Hewlett-Packard

Provided internal business and technical consulting to senior managers, middle managers and individual contributors to improve business processes and product market performance. * Analyzed engineering processes for strategies to improve processes and ensure standards compliance. * Facilitated teams and people networks, analyzed and modeled dataflow, and identified successful solutions to existing challenges. * Assisted multiple teams with implementing Lightweight and Agile programming techniques. * Developed several web-based applications including CRM applications for managing client information, using Dreamweaver, ColdFusion, PHP, Perl/CGI, and JavaScript. * Recognized as the key resource for starting up new teams in client organizations, with the ability to enable teams to ramp up quickly and to more effectively reach their goals.

Mar 1989 → Jun 1991 **Software Development Engineer** – Hewlett-Packard

Provided project management and engineered software for the management of networks as it pertains to individual nodes. * Investigated the future direction of host-based installation, configuration, verification, and troubleshooting tools. * Designed and developed nodal management software in C and C++, Perl, and shell scripts. * Wrote customer documentation for features implemented. * Gathered and analyzed product requirements, obtained dependencies and commitments from related projects, documented and edited the investigation report, and led high-level design of nodal management. * Wrote white papers describing future directions of nodal management software. * Reviewed colleagues' work for thoroughness and accuracy. * Responsible for team's 'make' files and for the smooth integration of code into full system builds. * Led a forum of engineers to develop effective communication tools and established a working group to converge disparate development environments

Nov 1987 → Mar 1989 **QA Lead Engineer** – Hewlett-Packard

Provided project management and engineered software to improve the quality assurance and testing processes for network software development. * Developed and implemented strategies to reduce the costs of testing network software. Increased the quality and usefulness of network management software, making it a more efficient tool for users.

Feb 1985 → Oct 1987 **Software QA Manager** – Hewlett-Packard

Provided team and project management for software reliability engineers focusing on networking products for the company's technical and business computer systems. * Managed 10 software reliability engineers, including assigning tasks, creating schedules, reviewing performance, determining ranking and salary, and assisting the engineers in achieving their professional goals within the organizational framework. * Identified the requirement for an interoperability testing project for TCP/IP implementations on the HP3000, HP1000, HP9000 300 and 500, and Dec VAX. Created test plans, developed tests, built and operated a test laboratory, monitored testing, and reported to senior management.

Jan 1982 → Jan 1985 **Software QA Engineer** – Hewlett-Packard

Provided quality assurance and testing for networking products. * Responsible for ensuring quality in data communications products, specified quality criteria, wrote test plans, developed test cases and executed black box, white box, integration and system testing, and monitored and reported testing progress. * Designed a testing laboratory that made it possible to quickly switch test configurations without rewiring hardware, saving approximately two weeks setup time for each configuration change.

Education

1975 → 1980 **BS** – University of Minnesota Institute of Technology

1975 → 1980 **Bachelor of Science in Computer Science** – University of Minnesota Institute of Technology
compilers, database-design, operating-system, programming-languages, algorithms, data-structures

Sole maintainer of LISP interpreter. Developed solutions for various university departments for data base creation, storage, access, and analysis. Served as a help desk agent for walk-up consultation in various computer labs. Tutored and taught classes in LISP, Pascal, data base design, compiler design and assembly language.

Projects & Interests

May 2011 → Current **Stack Overflow** – https://stackoverflow.com/users/742446/tamouse
Written 19 answers. Active in ruby.

Common PHP code - Gitorious – https://gitorious.org/common-php-code
php, mysqli, sqlite3

A library of various functions and classes that I reuse in many of my projects.

Lead developer

Nov 2013 → Current **move.com-coding-challenge-001** – https://github.com/tamouse/move.com-coding-challenge-001
css

a coding example for an interview

Oct 2013 → Current **art** – https://github.com/tamouse/art

An art blog

Sep 2013 → Current **elapsed_watch** – https://github.com/tamouse/elapsed_watch
ruby

Show nice, human-readable elapsed times from or to and event

Sep 2013 → Current **stopwatch_formatter** – https://github.com/tamouse/stopwatch_formatter
ruby

an RSpec custom formatter that displays each test's duration

Jun 2013 → Current **pmwiki-bootstrap-skin** – https://github.com/tamouse/pmwiki-bootstrap-skin
html

A Bootstrap Skin for PmWiki

Jun 2013 → Current **kaprekar_kata** – https://github.com/tamouse/kaprekar_kata
ruby

A nice ruby kata finding Kaprekar numbers

May 2013 → Current **scrapers** – https://github.com/tamouse/scrapers
ruby

Web site scrapers using Mechanize and other goodies.

Mar 2013 → Current **sinatra-app-bootstrap** – https://github.com/tamouse/sinatra-app-bootstrap
javascript

A sinatra application bootstrap template, including Twitter Bootstrap, HAML, JSON, RSpec and Cucumber

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Feb 2013 → Current **kittenbreak2** – https://github.com/tamouse/kittenbreak2
ruby

Feb 2013 → Current **rsyncbackup-rb** – https://github.com/tamouse/rsyncbackup-rb
ruby

Yet another rsyncbackup script, this time done in ruby

Dec 2012 → Current **mikeqdb2** – https://github.com/tamouse/mikeqdb2
ruby

Quote Data Base for #callahans@undernet, redone in Rails

Oct 2011 → Current **mikeqdb** – https://github.com/tamouse/mikeqdb
php

quote data base for Callahan bot

Tools

First Computer:	Home-built 486 machine
Favorite Editor:	Emacs