Samuel Tesla

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Articles & Talks

- **Go Behave! A BDD Framework for the Go Programming Language** Google Tech Talk
  `http://www.youtube.com/watch?v=4RSJg_1TdpA` *January 19, 2010*

- **Google Go: A Primer** InfoQueue
  `http://www.infoq.com/articles/google-go-primer` *January 15, 2010*

Open Source Projects

- **gospecify**
  `http://github.com/stesla/gospecify`
  An rSpec-style BDD framework written for the Go programming language (`http://golang.org`)

- **base32**
  `http://github.com/stesla/base32`
  An implementation of RFC3548 Base32 encoding in C with Ruby bindings.

- **Lambda**
  `http://github.com/stesla/lambda`
  An implementation of lambda calculus in OCaml.

- **ocamlobjs**
  `http://github.com/stesla/ocamlobjs`
  A tool for determining link order in OCaml projects.

- **Koan**
  `http://github.com/stesla/koan`
  A Cocoa telnet client for use with multi-user, text-based games. It includes RFC-compliant implementations of Telnet and SOCKS v5.

Languages

Fluent: C, Ruby

Professional: bash, C++, C#, Delphi, Emacs Lisp, Erlang, Java, LaTeX, Perl, Smalltalk

Open Source: Go, Objective C, OCaml

Hobby: Common Lisp, Haskell, Scheme, SML, Python

Education

- **University of Nebraska at Omaha** Omaha, NE
  BS, Computer Science & Mathematics *May 2009*

- **AIMS Community College** Greeley, CO
  AA, Computer Science *June 1999*

Work Experience

- **Engine Yard, Inc.**   San Francisco, CA

  Developer Lead   *June 2008 - March 2010*
    - Lead developer on the open-source Vertebra project for cloud automation using Ruby and Erlang.
    - Lead developer on a project to migrate Engine Yard's applications to a vendor-agnostic platform.
    - Participated in the design and development of Engine Yard's Cloud product.
    - Helped mentor junior members of the team.

- **Sojern, Inc.**   Omaha, NE

  Senior Software Engineer   *March 2008 - June 2008*
    - Used Ruby on Rails to develop both internal and external applications.
    - Designed and implemented a domain-specific data storage service and interchange format.
    - Implemented Ruby bindings for the expat XML parser.

- **Planet Group, Inc.**   Omaha, NE

  Consultant   *December 2007 - March 2008*
    - Worked with Sojern, Inc.
    - Used Ruby on Rails to develop both internal and external applications.
    - Automated santization of data feeds from third-party vendors.
    - Designed and implemented a custom reporting tool.

- **Jack Henry & Associates, Inc.**   Omaha, NE

  Software Engineer   *March 2004 - December 2007*
    - Designed and developed software in C# and Delphi.
    - Implemented agile practices such as pair programming and test-first design.
    - Migrated version control from Microsoft Visual Source Safe to Subversion.
    - Implemented automated, continuous build using Ant and Rake.
    - Administered department Linux and Windows servers housing Subversion, Apache, Postfix, and Samba.

- **Experian Exactis**   Denver, CO

  Junior Software Development Engineer   *August 2000 - July 2001*
    - Designed and implemented a CRM tool in Java.
    - Designed and implemented user management tool in Java.
    - Designed and implemented a log rotation tool in Perl and C.
    - Designed and implemented a version verification tool in Perl.