

## Summary

- **Full stack developer dreaming of working on exciting things that matter.**
- **Passionate about learning and exploring new languages and development methodologies.**
- **Enjoys seeing the error of my ways as the result of such exploration.**

## Skills

### Languages/Technologies

JavaScript, Ember.js, jQuery, jQuery UI, Ruby, Ruby on Rails, HTML/CSS, Perl, C/C++, SQL, Bash, Git, Subversion, RVM, nginx, Apache, NodeJS, Go

### Databases

PostgreSQL, MySQL, Oracle, Microsoft SQL Server

### Operating Systems

Linux, Mac OS X, Microsoft Windows, UNIX (AIX, Solaris, HP-UX)

### Other Software

Slack, Trello, JIRA, Adobe Photoshop

## Experience

*July 2014 – Present*

### Software Engineer at CodeAllDay Consulting

- Developed new Ember.js-based frontend for existing Rails application, using test-driven development.
- Rewrote jQuery-heavy user interface to be simpler, more maintainable, and more robust using Ember.js.
- Configured Rails application with Sidekiq for background job processing.
- Created automated tasks for importing and transforming data from third-party API sources.
- Upgraded Ember applications to latest version and ember-cli.
- Migrated existing Perl/CGI web app to a Ruby and Sinatra JSON API and an Ember.js frontend.

*October 2012 – June 2014*

### Software Engineer at The New York Times

- Developer for the AdX ad system, a high availability distributed system for serving ads across all New York Times websites and mobile apps.
- Migrated Sales Order System, a legacy Perl-based CGI web application used to book and manage advertising orders, to modern Ruby on Rails code.
- Integrated the C++-based AdX ad server with the WURFL device detection library, including a Ruby gem used by backend processing scripts.
- Rewrote legacy Perl and Bash backend processing scripts in C++ and Ruby, with performance improvements up to 400%.
- Created dashboard to display and monitor ad serving statistics in near-real time.

*January 2010 – October 2012*

### **Programmer Analyst at Trepp, LLC**

- Lead developer and architect of Trepp Bank Navigator, an application, developed in object-oriented Perl, that allows users to research banks based on their reported financials and Trepp's analysis.
- Employed aggressive refactoring to remove tight UI/logic coupling and increase maintainability.
- Wrote and maintained SQL Server 2005 stored procedures and functions to update and retrieve data.
- Developed new application features such as TreppWire Coverage: recent mentions of Commercial Mortgage Backed Security deals and properties in TreppWire (news) are displayed on the summary pages for those deals or properties.
- Developed jQuery UI widgets for reuse in the front end. Examples: sorting data in tables, customized autocomplete, embellished multi-select dialog.

### **Education**

Bachelor of Science in Computer Science, 2005

Stevens Institute of Technology, Hoboken, New Jersey

### **Side Projects**

Blog: <http://pgengler.net/>

Github: <https://github.com/pgengler>

Personal Applications for: Bookmarks, to-do, pilot's logbook, reading list tracker, photo gallery

Public Applications: emberobserver.com, howmuchisoil.com, "pinot" text editor, IRC bot