

Mark Cahill

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Introduction

I am web application developer specializing in scalable web services and elegant user experiences. I believe that the web provides a unique opportunity to improve the way we think about software. I'm ambitious and a fast learner, and look forward to working for a forward-thinking web company.

Skills

Strong

Languages

Python
Javascript
SQL
PHP

Frameworks

Node.js
Django
jQuery
Backbone.js
Codeigniter

Technologies

MySQL
memcached

Improving

Java
C++

V8
Lithium

Redis
MongoDB
CouchDB

Education

B.S. Computer Science

Stetson University
Spring 2013

B.A. Communication

Palm Beach Atlantic University
Fall 2004

Experience

Dynamo BI

2011 – present

- Implementing analysis via precalculated dimensions served over JSONP

Analytical Labs

2010 – present

- Led the user interface team in creating a rich interface to the Saiku open source analysis tool
- Refactored user interface for version 2.2 using agile methods
- Built an analysis workspace on Backbone.js and HTML5 that loads in 300ms

Stetson University

2006 – present

- Developed a Django application for reporting, business intelligence, and workflow/project management
- Maintained a MySQL data warehouse
- Coordinated data mining and statistical analysis

Projects

Backbone.js (Javascript)

Adding HTTP BASIC authentication and support for automatic retry of failed AJAX calls with exponential backoff

Virtual Campus Tour (HTML5, Javascript)

Enables prospective students to take self-guided tours of campus

django-maintenance (Python)

Puts a Django application in maintenance mode (display a notice and block application) without altering the Django settings

django-analyzer (Python)

Logs page views in a Django application, and allows the administrator to view usage on the Django admin site

django-issue-tracker (Python)

Coordinates workflow management, providing an easy-to-use interface for non-technical users