

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 like working for a forward-thinking web company.

Skills

Strong **Improving**

Languages

Python	Java
JavaScript	C/C++
SQL	

Frameworks

Node.js	
Django	V8
jQuery	
Backbone.js	

Technologies

MySQL	
memcached	Redis
CouchDB	MongoDB
Elastic MapReduce	

Education

B.A. Communication

Palm Beach Atlantic University
Fall 2004

Experience

YouVersion

2011-present

- Managing analytics infrastructure end-to-end, including extraction from PostgreSQL, MongoDB, and Flurry Analytics, processing through EMR, and loading into BigQuery and MySQL.
- Wrote a Node.js telemetry server to capture transactional data from our mobile clients

Dynamo BI

2011

- Implementing analysis via precalculated dimensions served over JSONP

Analytical Labs

2010 – 2011

- Worked with 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 – 2011

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

Projects

Saiku (HTML5, Javascript)

A web-based OLAP tool that allows users to slice and dice data stored in JDBC-compliant data sources

django-maintenance (Python)

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

django-issue-tracker (Python)

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