

# ADAM KANGAS

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## INTRODUCTION

I am an American programmer and product designer, currently based in the Melbourne area. Yes, my visa allows me to work here! I'm open to freelance opportunities, as well as in-house positions.

## OBJECTIVE

To work on exciting projects with talented people. Life's too short for anything else!

## EXPERIENCE

Snap Technologies, Inc. » [www.snap.com](http://www.snap.com)  
Pasadena, California  
Senior Software Engineer, 2005 - 2010

Lead back-end developer on Snap Shots, a product which shows rich previews of a website's outbound hyperlinks to users on mouseover.

Back-end developer on Snap LinkAds, a product providing procedurally generated contextual ads. Through machine learning, the system converges towards showing ads that work while abandoning those that fail.

Scaled the Snap Network to support installation on millions of websites, including major blogging networks (e.g. LiveJournal, Wordpress.com), servicing thousands of requests per second.

Wrote custom database software, web servers, load-balancing proxies, and message queue systems to maximize throughput and redundancy while minimizing latency across hundreds of colocated Linux servers.

Freelance Developer / Consultant » [www.adamkangas.com](http://www.adamkangas.com)  
2005 - Present

Webapp development for small businesses and subcontracting for area design studios, using custom CMSes, plus Ruby on Rails and CakePHP.

## TECHNOLOGIES

Programming: C/C++, Ruby, PHP, Javascript, and more  
Web-centric: HTML, CSS, AJAX, jQuery, etc.  
Databases: relational (MySQL and friends), key/value (Apache Cassandra)  
Frameworks: Ruby on Rails, CakePHP, and similar MVC approaches  
Version Control: git, Subversion, CVS  
Project Management: TRAC, Bugzilla

## I KNOW ABOUT

Web Standards (W3C)  
Internet protocols (TCP/IP, HTTP, SSH, etc. as defined by IETF RFCs)  
Webapp Best Practices (Caching, Content Distribution Networks, etc.)  
Algorithm Design & Runtime Analysis

## EDUCATION

Harvey Mudd College, Claremont, California » [www.hmc.edu](http://www.hmc.edu)  
Bachelor of Science, Computer Science, May 2005

## REFERENCES

Glowing personal and professional references available upon request!