

# Dominiek ter Heide



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## PROFILE

- Specialized in web development. Three years of scaling in a high-load production environment.
- Strong oral and written communication skills in both English and Dutch.
- Strong interest in cutting edge technologies: the social, semantic and synaptic web.
- Bachelor in Computer Science (Engineering) with a strong and varied work experience since age 16.

## TECHNICAL SKILLS

Programming:	<b>Ruby (&gt; 5 years)</b> , NodeJS/JavaScript, C++, PHP, C, Java, BASH, Objective-C (iPhone), Python, x86 assembly, Perl
Web frameworks:	<b>RubyOnRails (incl. 3 years of production scaling)</b> , Express/NodeJS, Merb/Sinatra, jQuery, PrototypeJS, Selenium
Deployment:	<b>NginX-Mongrel stack</b> , EC2, LAMP stack, *nix (and many exotic flavors)
Web standards:	<b>CSS, (X)HTML</b> , XML, REST, SOAP/XMLRPC, HAML, JSONML
Databases:	<b>MySQL</b> , MongoDB, most common varieties of SQL92, Memcached and MQL (Freebase semantic triple store)
Other cloud-services:	Freebase ACRE, Joyent Smart Cloud, Google Apps/Analytics, Github, Mashups with many web API's
Design tools:	Photoshop, Omnigraffle, Keynote, iWork, Illustrator

## OTHER SKILLS

Languages:	English (fluent), Dutch (native), Japanese (conversational), German and French (passive)
Design:	Ability to wireframe and mockup web products and flows, graphic design is of 'placeholder' quality.

## STARTUP PROJECTS

### Reccoon

2009-present

This long running project is a platform for storing interests. It provides an API and developer tools to automatically extract the interests of a user online and to solicit interests from users. The short-term goal is to generate revenue and adoption through many API integrations and the long-term goal is to monetize stored attention (hyper-relevant advertising).

### Bottlenose

2010-present

Co-founded together with Nova Spivack, this project started out as an activity stream experiment and a proof of concept of the Reccoon platform, but grew into a very interesting service on its own. Bottlenose is a smarter way to surf the stream.

## EMPLOYMENT

### **CTO at Cerego Japan Inc (Tokyo) 2007-2010**

I joined as a junior developer in a development team of about five people, where I jump-started the development of social (web 2.0) features for a web offering we were developing: Smart.fm, a service for language and fact learning.

Later, I spearheaded development of our platform, a set of API's and widgets that allows third parties to power learning experiences. This platform has become a driving factor in our business. After I became lead developer, I started getting more involved with product planning and our long term technology strategy and started getting a more formalized role in management.

In late March 2009 I became the CTO (development team of about twelve people). During this year we've built out a significant global platform that includes an iPhone application, linguistic API's, goal oriented studying, jQuery UI based widgetizable learning applications and a state of the art activity stream. As of December 2009, Smart.fm counts about one million users.

### **Lead Developer at FreshDeuce Foundation (Amsterdam) 2006-2007**

Playing a central role in a multi-disciplinary team, developing a marketing product for a well-known clothing company. This project used several hardware sensors to identify snowboarders so that automatic video footage could be captured and offered through a web service.

Apart from building the web interface, my main responsibility was making sure that all components (and people) were communicating with each other properly.

### **Junior Application Integrator at InterCommIT (Amersfoort) 2005-2006**

Completed a large project to automate the administration of encryption certificates for InterCommIT's B2B customers. All of this was built to integrate with several internal systems (like accounting) and with a variety of other external systems (which includes banking companies).

### **Junior Programmer at Araneum Interactive Productions (Amsterdam) 2002-2005**

Araneum started out building custom web applications for it's customers, but soon specialized in the automation of marketing workflows.

At this company, my high-school acquired programming skills could flourish in the real world for the first time. At first, I started doing projects that solved internal problems, but later I started programming core backend components for Araneum's architecture, like a Single Sign-On system. Later, I started building custom solutions for some of Araneum's clients, which allowed me to learn how to interface with customers independently.

## EDUCATION

### **Bachelor of Informatics, Hogeschool van Amsterdam 2007**

(Computer Sciences Engineering)

Major: Software Engineering / Intelligent Systems

Mentionable projects: development of an 'Adaptive Programming' course, research on Web 2.0/ SOA movement.

Both internships were completed with a 9 out of 10 grade.

### **High School (HAVO), Casparus College Weesp 2003**

Subject of choice: informatics

In-depth study: cryptography

## OTHER INTERESTS

Surfing, snowboarding, sailing, traveling, minimal techno, good food, good drinks, new things.

## LINKS

- Building a .com in 24 hours, [http://digg.com/programming/Building\\_a\\_com\\_in\\_24\\_hours](http://digg.com/programming/Building_a_com_in_24_hours)
- Kakuteru, a blogging and lifestreaming mashup, [http://www.readwriteweb.com/archives/kakuteru\\_a\\_blogging\\_and\\_lifestreaming\\_mashup.php](http://www.readwriteweb.com/archives/kakuteru_a_blogging_and_lifestreaming_mashup.php)
- Reccoon, a recommendation engine stealth startup, [http://www.readwriteweb.com/archives/five\\_early\\_recommendation\\_tech.php](http://www.readwriteweb.com/archives/five_early_recommendation_tech.php)
- Smart.fm presentation at Tokyo 2.0, <http://vimeo.com/1918141>
- Code snippets, <http://github.com/dominiek>
- My LLC, Synaptify Consulting, <http://consulting.synaptify.com/>