

Summary

A summary of your interests, achievements, history, topic of study or any other short summary of your professional life.

I have excellent knowledge of different statistic models and categorical analysis models. I am working as a research assistant for professor Peter C. Rigby in Concordia University. My responsibility is to try different statistic models to build math model for a given data sample, design and implement new algorithm for research projects.

I am also an experienced Java and Python programmer with strong database and scripting skill. I studied Java in university, at the same time I studied Python by self. When I worked as an IT analyst in Hydro One, I

scripted with Python to perform data computation. And now my daily task is to script with Python and SQL to perform data computation. Moreover, I implemented the optimized Truck Factor algorithm with Python and SQL for the paper 'Developer Turnover and Succession: Empirical studies of the susceptibility and damage from developer turnover'.

Moreover, I have over 3 years of experience working in the banking industry, 2 years of experience in finance derivative investment. During the launch of the 'Online Declaration System', I made a concrete action plan, communicated with sub-branches and helped them finished the task. I'm a team player who values communication and cooperation with colleagues.

Experience

Intellectap/ISTPL

MUMBAI, PUNE & HYDERABAD, INDIA

IT Consultant

Nov '08 – Feb '09

Intellectap is a social-sector advisory firm serving corporates, non-profits, development agencies and governments working in developing markets. I assessed their software development team and methodologies, trained their developers and build several web applications. One of those apps is [Mostfit](#), an open source MIS for [microcredit](#) lenders.

IT & Strategy Consultant

Jan '10 – Aug '11

[Mostfit](#) became a success and I was called in to solve several technical challenges, look at potential growth strategies, and assist in making a business case for this product in a company of its own.

Chief Technology Officer

Oct '11 – present

Joined the C-family to make [Mostfit](#) the nr.1 software solution for micro credit lenders around the globe.

Dharma Publishing

NEAR SAN FRANCISCO (CA), USA

IT Consultant

Nov '09 – Dec '09

Dharma Publishing, the worlds largest Buddhist publisher, is a non-profit, all-volunteer organization that helps to preserve Tibetan Buddhism and culture. I build them a [web store](#), and moved the infrastructure of all their web media to a nearly zero maintenance setup that they can maintain themselves.

KDE

edu.kde.org/kturtle

Software Engineer

Dec '03 – present

KTurtle is an educational programming environment that simplifies learning the basics of programming. At early age I learned programming using MSX-LOGO, by creating KTurtle I want to ensure future generation's access to a similar piece of software. I was honored when KTurtle got admitted to KDE in 2003.

Truetopia Project

truetopiaproject.org

Initiator

Nov '07 – Apr '10

The Truetopia Project is an open source web application (Rails) to facilitate self-governing communities. It provides a workflow for collaborative problem identification and solution design.

Opendream

BANGKOK, THAILAND

IT Consultant

Aug '09 – Sep '09

Architected and largely implemented an open source media sharing web service (REST api) that facilitates video uploads, transcoding and streaming. Coached their development team on system design, Ruby development (using Merb/Rails) and testing strategies such as TDD/BDD.

Please refer to my [Linkedin profile](#) for the complete list of work experiences along with recommendations.

Education

Erasmus University Rotterdam	ROTTERDAM, THE NETHERLANDS
Bachelor degree in Computer Science & Economics	2004 – 2007
Focussed on the economics of open source, rapid application development (RAD) and the semantic web technology stack (RDF/RDFS, OWL and SPARQL).	
Technical University Delft	DELFT, THE NETHERLANDS
Industrial Design Engineering (discontinued)	2001 – 2002
Libanon Lyceum	ROTTERDAM, THE NETHERLANDS
VWO (pre-university secondary education)	1994 – 2000

Skills

Technical specialties: Software design and implementation, with(in) a team. I love Ruby/Python/Java/C++ and flirt regularly with Haskell. Solid knowledge of web technologies: HTML+CSS, XML, RDF, REST, SOAP and JavaScript (mainly jQuery). Linux administration skills: bash, Apache, MySQL, PostgreSQL, virtualization/cloud (OpenVZ, VMware, KVM, Xen and EC2), datacenter automation (Puppet and Chef), continuous integration (Hudson/Jenkins).

Natural languages: Dutch (*mother tongue*), English (*full professional proficiency*), German (*limited working proficiency*), French (*elementary proficiency*) and Mandarin Chinese (*beginner*).

Interests

Non-exhaustive and in alphabetical order: Art, Buddhism, cryptography, music, open source, philosophy, software engineering, travel, typography (e.g. graphic design, \LaTeX), UI/UX and vegetarian cooking.