Yuecai Zhu *August 4, 1983*

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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

Concordia University
MONTREAL, QUEBEC, CANADA

Computer Science Research Assistant — *May '11, 2014– Now*

I have made a small VBA graphing library for Excel, an Excel macro in VBA to simulate the new asset management system, three test reports on the new asset management algorithm for the company

Hydro One
TORONTO, ONTARIO, CANADA

IT Consultant — *Jan '01 – May '07, 2014*

I have made a small VBA graphing library for Excel, an Excel macro in VBA to simulate the new asset management system, three test reports on the new asset management algorithm for the company

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, PostgresSQL, 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.