Emil Kjer

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SUMMARY

I am software developer, have a post-grad. in software development, experience in a number of programming languages and a background in system administration. I am relocating from Melbourne to Copenhagen in May 2014. My personality is outgoing, service minded, dedicated, competitive, responsible, creative, innovative, analytical and productive. I have an interest in management and planning and am capable of taking on the role of both team member and manager. Am currently exploring how AngularJS and Phonegap can be used for rapid prototyping.

EXPERIENCE IT Related

Software Developer, Kogan
Melbourne, Australia — October 2012 - Present

Backend developer with a foot in the frontend for the e-commerce site leading in Australia. Highly scalable environment based on the Django Framework (python) and BackboneJS supported by Redis/Memcached and using PostgreSQL. TDD, code review, speed optimization and collaboration across departments is a part of the daily routine. Responsible for recommendations and other algorithms engineering.

Systems Architect and Lead Developer, SMIMP
Melbourne, Australia — October 2011- May 2012

System architect, project manager, lead developer and responsible for recruitment for the startup project Meetdoo. Also provided technical experience and system administration for other SMIMP projects. The system was complex, medium scale, developed with Ruby on Rails.

Senior System Administrator, Headnet
Copenhagen, Denmark — August 2008 - October 2011

Development of web-based tools, primary developed in python and java. Administration, maintenance, development and improvement to the Unix/Linux XEN-based virtual clustered systems to a high performance architecture. Maintenance and development of web and database production environments. Maintenance and administration of internal and external hardware. Maintenance and administration of email security services.

System Administrator, Creuna
Aarhus, Denmark — August 2000 - August 2005

IT maintenance (both hardware and software), purchase and debugging/diagnostics.
Predominantly Microsoft environments.

EDUCATION

RMIT University, Melbourne
M. Sc. Computer Science with — 2010-2012

Specialisation in Intelligent Systems.
Resume of topics: optimisation, data mining, data analysis, agent theory, data warehousing, user experience, object oriented design, web technologies.

Participated in the research group ECML see
http://goanna.cs.rmit.edu.au/~xiaodong/ecml
Participated in various workshops e.g. Exploring Social Enterprise and 48 Hours Startup Boot Camp.
Minor thesis title "Journey Planning Considering Passengers' Preferences Using Genetic Algorithm" see
http://emil.kjer.info/emil_kjer_minor_thesis_master.pdf

Technical University of Denmark
M.Sc. Computer Science — 2010-2010

Attended one semester on the masters before moving to Melbourne.
Completed the subjects: "Artificial Intelligence and Multi agent systems" and "Real-Time Systems".
Teaching assistant in Robotics.
Recommendations from professors available upon request.

Technical University of Denmark
B.Sc. Software Engineering — 2006-2009

A broad engineering education with emphasis on software engineering.
Resume of topics: algorithms and analysis, data structures, concurrency, economy, web 2.0, mobile interaction, artificial intelligence, system architecture, robotics, project management, physics, chemistry, mathematics.

Member of the business and management group Stardust.
Minor thesis title "Vehicle Routing Problem for Mobile Hospital Robots" see
http://emil.kjer.info/files/hersland_kjer_minor_thesis_bachelor.pdf
Recommendations from professors available upon request.

SKILLS

- Fluent in written and spoken English and Danish.
- Understand written and spoken German, Norwegian and Swedish.
- Programming languages: Java, Python, Ruby, SQL, PHP, C, C#.
- Frameworks: Django, Web2py, JQuery, CSS, Ruby On Rails, .NET (ASP.NET 4.0), Mahout, Flask, AngularJS
- Development methodologies: Agile, Waterfall, XP.
- Interests include: marathon running, wine appreciation, sailing, surfing, snowboarding and scuba diving.

REFERENCES AND ACADEMIC TRANSCRIPT

Available upon request.