CV Søren Juul

CLC bio, summer 2011 - now

Main technologies: Java, GWT.

In the enterprise department, where I maintained and developed a series of server products which enabled the user to schedule and execute jobs, store and retrieve data, user management, etc.

A recent project involved a split-join inspired framework to easily split large tasks into smaller tasks which can be executed concurrently on several job nodes.

University Education

2006-2009 - Bachelor in Software Engineering at Aalborg University
2009-2011 - Master of Science (MSc) in Engineering (Software) at Aalborg University. Part of the Elite Program.

Selected Educational Projects

The semester projects has an ECTS score ranging from 19-30 depending on the semester.

8th Semester Project: "Distributed Rendering for Mobile Devices - Using Ray Tracing"
http://sjuul.dk/aau/p8/final.pdf
A distributed ray tracer was implemented, allowing the computations to be distributed amongst several nodes. The node software was written in C++ and worked on both computers and mobile devices (Windows Mobile). The resulting image was compressed by a JPEG-like image compressor. The distribution protocol was verified by UPPAAL (http://www.uppaal.com/).

10th Semester Project: "GPGPU Accelerating C# Parallel.For"
http://sjuul.dk/aau/p10/final.pdf
The aim of this project is to accelerate the .NET Parallel.For (and other methods from the System.Threading.Tasks.Parallel class) method by moving it to the GPU. This will be done by translating CIL code to PTX code, which in turn can be executed on the GPGPU.

Student Work Experience

FriSe, Student developer, January 2007 - 2011
Technologies: JavaScript, PHP, MySQL, HTML, CSS, Android.

MVC-Data, Android developer, October 2010 - 2011
Technologies: Java, Android, Bluetooth.

TANKERUM, PHP developer, July 2008 - September 2008
Technologies: PHP, MySQL, HTML, CSS.

The administration at AAU, PHP developer, January 2008 - May 2008
Technologies: PHP, MySQL, HTML, CSS.

Additional Information

I am a keen Linux user and have been using Linux as my main operating system for many years, but also know my way around a Mac and a Windows computer.

Some of my spare time is spend on hobby code projects, which gives me insights in new technologies and tools, such as: Jersey, Grizzly, JPA, Android development, REST, JSP, jQuery, git, maven, etc.

My non-technical hobbies include: Sport, drawing, fishing and hunting.

Personal Information

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