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Jakob Jakobsen Boysen

Novo Nordisk A/S

2015–2016 **Discover Programme**, *Global Research*.

Conferences

2015 **AtlasCamp**, *Praque*, June 9th-11th.

2014 **NDC**, *London*, December 1st-5th.

Education

2011–2014 **M.Sc. in Computer Science and Engineering**, *Technical University of Denmark, DTU*.

Courses at www.jboysen.dk/#msc

2008–2011 **B.Sc. in Computer Science**, *Aarhus University*.

Courses at www.jboysen.dk/#bsc

2004–2007 **STX, Mathematical**, *Alssundgymnasiet Sønderborg*.

Relevant job experience

2014– **Senior Scientist**, *Scientific Applications, Global Research Informatics, Novo Nordisk A/S, Måløv*.

2014 **Teaching Assistant**, *Technical University of Denmark, DTU, Lyngby*.

Teaching assistant for the course 02102 Introductory Programming, where Java and C is used to teach the basics of imperative and object-oriented programming.

2013 **Teaching Assistant**, *Technical University of Denmark, DTU, Lyngby*.

Teaching assistant for the course 02101 Introductory Programming, where Java is used to teach the basics of imperative and object-oriented programming.

2013 **Software Development Consultant**, *Jungle, Copenhagen*.

Software (and system) architect and developer on a Dropbox-like system with special requirements to sharing of and permissions to certain files and folders. Built a complete system with back-end (database, server setup, etc.) and a simple, yet useful, front-end to interact with the files and folders.

2013 **App developer**, *Roskilde Festival, Copenhagen*.

Developed a streaming app for Roskilde Festivalradio. For Android and iOS.

- 2011–2013 **Lead Student Software Developer**, *Veloso A/S*, Hellerup.
I had the main responsibility for development and maintenance of the web application ActionPlanner™. Development included working with PHP, MySQL, Javascript, Python, Linux and Apache, with the MVC framework Symfony as the core of the product. Furthermore it also involved usage of the project management tool PivotalTracker and the support tool Zendesk.
- 2011–2013 **Partner**, *CoolSoft I/S*, Copenhagen.
CoolSoft I/S was a company founded in collaboration with Morten Hulvej Andersen. The purpose of the company was to make it easy for us to work on smaller projects not related to our respective jobs.
- 2009–2011 **E-banking supporter**, *Danske Bank*, Aarhus.
- 2006–2007 **Tutor in Mathematics A**, *Alssundgymnasiet*, Sønderborg.

Master's Thesis

- Title *A modelling framework for Synthetic Biology*
- Supervisor Jan Madsen, Professor, Head of Section Embedded Systems Engineering, DTU Compute

Relevant skills

- Languages Both professionally and academically I have used quite a few object-oriented programming languages and have a huge understanding of programming in general. **Java** has been used in many different courses and also to develop Android apps. **C#** has been used in many different courses as well. **Objective-C** has been used to develop a few iOS apps. Object-oriented **PHP** has been used professionally for a year and a half. I have used **C** and **C++** to a smaller degree on smaller projects.
- OS I'm using Mac OS (based on UNIX) as primary OS, but consider myself a super user of Windows as well. I have managed several servers based on different Linux distributions and is using a terminal on a daily basis.
- Other I have designed a DSL for the job-shop scheduling problem using **F#**. I have played a bit around with **Javascript** (specifically **Node.js** in my spare time and the front-end framework **jQuery** professionally). I have been using and optimising **SQL**-queries professionally. **Python** has been used to solve minor tasks.

Languages

- Danish **Mother tongue**
- English **Advanced** *Have been using English as primary language both professionally and academically.*
- German **Beginner** *Can read and understand.*

Personal information

Born the 14th of May 1987. Grew up on a farm near Sønderborg. Went to boarding school at Bernstorffsminde Efterskole in 2003–2004. Moved to Aarhus to study computer science after having had a year off after high school, and moved to Copenhagen to pursue my master's degree at DTU by the fall of 2011.

Love music, going to concerts, working out, software engineering and interested in what happens in the society around me.