

Curriculum Vitae

Brief Summary

I combine the generalist of the datamatician and the curiosity of the engineer, which gives me the ability fit in most places. It also gives me the opportunity to immerse myself in a specific topic. Acquisition of new knowledge and skills is what creates momentum in life and not least satisfy the personal curiosity.

Computer experience

Programming

Standard/Turbo/Free/Object Pascal	Experienced, text-based.
C/C++	Experienced, text-based.
C#	Mono/.NET, tekst-based.
Qt4/Qt5	Qt Widgets for simple GUI.
Qt-Quick/QML (SailfishOS)	Beginner, primarily in connection with mobile applications for the SailfishOS platform.
SQL and databases	Basic analysis and design of relational database, normalization of tables and SQL layer.
Assembler (x86/MC68000)	Basic knowledge.
Java	Java SE, tekst-based, ServerPages.
Bash / REXX / Python	For automation of everyday processes, such as backup, handling of data sets and systemupdates.
HTML/CSS/Javascript/PHP	Basic HTML5 knowledge, both static and through customizing WordPress theme.

Graphical Shells

OS/2 WPSI / OS/2 PMSHELL	OS/2 2.0-4.5, eComstation 1.0-1.5
Microsoft Windows	Microsoft Windows 3.0-3.11, NT 3.5-4, 2000-7
X-Window (Linux/HP-UNIX)	Linux (KDE, Gnome, OpenBox, RazorQt/LXQt) Open Solaris (Gnome2)

Hardware

IBM OS/2 Warp / SSI eComStation	Desktop, Server
SUSE/openSUSE, Redhat, Mandrake Linux	Desktop, Server
Microsoft Windows (NT/2000/9x/3.11)	Desktop

DBMS

MySQL/MariaDB	Installation, setup and use as a backend for example CMS applications. Small applications adding data and viewing via a rudimentary web interface.
Lotus Approach / Microsoft Access	Installation, setup and implementation of small applications.

Version Control System

Mercurial	Managing private, smaller tasks against BitBucket.org service.
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Git Local update source and compiler against Github.

Education

Year	Education
2006-2013	Technical University Of Denmark – B. Eng in Computer Science
1995-2003	Niels Brock Copenhagen Business College – Advanced Computer Studies (Break '97-'99).
1990-1992	Slagelse Technical School, HTX (Higher Technical Exam).
1989-1990	Slagelse Technical School, EFG - Iron and Metal.
1979-1989	Hoeng Public school (1 - 10 grade).

Courses attended at Niels Brock Copenhagen Business College

Course	Description
Program Design	Structured Programming in Turbo Pascal and data structures
Corporate Learning	Introduction to corporate structure.
Computer Architecture	Introduction to computer design and programming in x86 assembler.
Data Modelling	Insight into the structure of relational databases, and programming in SQL.
SU	Its structure and its interaction with the outside world.
Basic Systems Development	Object Oriented Analysis and Design.
Advanced Systems Development	Object Oriented Analysis and Design and structured project management.
Basic Programming	Structured Object Oriented C + + programming.
Computer and Network Organisation	Client / Server, Distributed systems.
Optional Subjects	<ol style="list-style-type: none"> 1. User Interfaces 2. Java Programming 3. Advanced Java Programming
Thesis : Security in Systems Development	Safety of the administration of resources in a dorm.

Courses attended at Technical University of Denmark

Course	Description
01991 - 0 Mathematics	Mathematics for computer scientists, Mat A level.
02311 - Digital Technology	Analyse, design, simulate, implement, validate and prove combinatorial circuit and synchronous machines.
02333 - Parallel and Real-time Systems	A basic understanding of the structure of the underlying operating systems, and how to use parallel activities in the construction of programs and give them a basic understanding.
02355 - Networking Technologies B	Familiar with network programming and how to design distributed systems consisting of different sub-systems. Primary language is Java.

02321 - Hardware / Software Programming	How to plan, implement, program, debug and test systems consisting of a micro controller and programmable logic.
31021 - Electronics	Apply systematic methods for analysis and design of small electronic circuits and measuring systems.
02323 - Probability and Statistics	An understanding of data containing random variation, as well as information gained in number of methods that are applicable to certain issues.
02170 - Database Systems	Analyze, design and implement a task achieved by discussion with clients, from writing a data dictionary and basic programming tasks.
02340 - Computer architecture	The overall course objective is to enable the student to develop simple digital systems containing programmable digital circuits and single-chip computers.
02330 - Distribuerede indlejrede systemer	To design and development of distributed embedded systems for hard real-time object individually and in group: To collaborate effectively with other specialists who develop hardware and developing software in a systematic development process
02330 - Distributed embedded systems	The objective is to enable the participants to develop distributed embedded systems for hard real-time tasks, individually and in group. To collaborate effectively with other specialists who develop hardware and developing software in a systematic development process
01917 - Discrete Mathematics and Databases for Diplom IT	The purpose is to provide a part of the mathematics necessary for the modern computing. In addition, to demonstrate the application of this mathematical basis for database systems.
42421 - Management and organization	The purpose is to enable the student being capable of, in an engineering relevant context, to work with the basic elements of the structure, management and transformation of an organization. In this work, they could use organization theory's conceptual rigour. This course complementing the student's technical background with a basic, application-oriented understanding of and insight into organizational and managerial problems of engineering relevance. (
02345 - Computer security	The objective is to give students an introduction to the basic concepts of data security, designed to give students a comprehensive understanding of security and the security process. The examination assignment chosen, was to define the difference between the approach to safety, respectively openSUSE Linux and Microsoft Windows 7.
02337 - Basic Study of Mainframe - z / OS	The course aims to give students an understanding and overview of the platform, such as IBM's System z provides. The course will focus on hand son, and practical examples, and to enable the student to understand an existing environment, as typically occurs in Denmark.
02450 - Introduction to machine learning and data modelling	The purpose is to introduce the participants to a number of fundamental and widely used methods for data modelling machine learning, a general framework for data modelling with Matlab as a tool for data analysis.
02233 - Network Security	The objective is for participants to gain knowledge of network security from both a theoretical and a practical point of view.
Thesis: Alarm Modules for Smart Grid Acquisition System	Automatic fault detection of research data, collected by Demand as Frequency Reserve (DFR) box, at DTU - Center for Electric Power and Energy

Job experience

Employer	Year	Description
PCServiceCenter	2018-2019	Wage subsidies - Refurbish and repair PCs and Macs.
Dansk Service Kompagni (Daseko)	2011-2012	Office cleaning and odd individual jobs.
Presswire ApS	2008-2011	Updating media database publishing, internal proofreading and so on (Got recommendation).
Moment	2007	Full-time summer replacement for Moment of JWN-Data (ISS). Removing paper clips and preparation of documents for scanning, as part of the governmental digitization process.
DTU	2006	Setting up and moving of data bar on DTV in building 101.
ISS	2002-2006	Office cleaning for Danisco in 3 months and later on at the Falck DK HQ.
ISS	1997	Cleaning the Maritime Institute (Now Danish Maritime Institute), office, canteen, hall, marine simulator.

Other

Courses

CoDe Academy – CPH 2016

Four days in the hands, being introduced to the concepts of Continuous Delivery. Instead of using a specific method, like SCRUM, the class is introduced for a basic generic method.

Main Technologies :

Program	Use
Git	Basic control of versions and branches
GitHub	Project and resource management, development and debugging is controlled via Github, like through a GUI as Waffle.io.
Docker	Jenkins itself, all tests and deployed software are run in Docker containers.
Jenkins	Automated tests and deployment

Competitions

2010 – Winner of the Nokia Open 2010 - Competition 2 - "Food Planner"

Synopsis : The idea for a program for planning and recipe based procurement of food in everyday life, for the Nokia Maemo mobile platform.

From a recipe database, one is able to choose, the desired meals for the coming days or weeks. The application will generate a shopping list, for a week, fortnight or even a month – in that way presenting you with the perfect meal plan.

Peter Jespersen
Broendbyøster Torv 51,4TV
DK-2605 Broendby
flywheel@illogical.dk
+4560852556

Personal Information

Name	Peter Rønning Jespersen
Address	Broendbyoester Torv 51, 4TV – 2605, Broendby
E-Mail	flywheel@illogical.dk , flyweeldk@gmail.com
Web page	http://www.illogical.dk (Postal domain)
Blogs	http://fossworld.dk (FOSS blog), http://komikog.dk (Food blog)
LinkedIn	http://www.linkedin.com/in/pjespersen
Source Code Hubs	Bitbucket : https://bitbucket.org/flywheel/
Chat	KDE Talk : flywheel Telegram : @flywheel Tox-ID : 463A930FA3F5859FC9DFFF4057F24B065F8AA476D9E8A5D3E C1CC2AEB6F06C1843720017E9CC
Mobile	+45 60 85 25 56
Birthday	29-05-1972
Marital Status	Cohabiting, Mette Kirkegaard, No children, House cat Fleur
Languages	Danish (mother tongue), english (fluent)
Driving License	Category B