Janus Bo Andersen

📞 +65 97243507 (Singapore) | ✉ | ⌂ | in | AU Job Bank

EDUCATION

EMBEDDED SYSTEMS ENGINEERING (ELECTRONICS)
5th sem. (2018 – 2021) | Aarhus University
Top of the year with current GPA 11.9 (12-point scale).
- Software engineering and development of embedded, distributed and realtime systems on MCU, FPGA, SoC and Cloud platforms.
- Experienced in RTOS, Linux systems prog., network and IOT tech. and DevOps tools.
- Experienced in implementing DSP, algorithms, machine learning, etc.
- Larger projects in web dev., robotics, dynamic systems and control, RFID, analog electronics, etc.
- Project management and agile methods.
- Active in the Education Committee.

M.Sc. FINANCE (CAND.MERC.)
2009 | Aarhus University
Top of the year with GPA 11.5 (12-point scale).
- Master's thesis: Commercialization of Microfinance.
- Focus on corporate finance, financial engineering og quantitative methods.
- Doing Business in China case competition with BCG and Novozymes.

B.Sc. ECONOMICS AND BUSINESS (HA)
2007 | Aarhus University
Highest GPA of the year of 10.6 (old scale).
- Bachelor's thesis: Interest term structure models.
- McKinsey Award and Scholarship 2007 (first prize for best result of the B.Sc. education).
- Exchange at Singapore Management University.

TECHNICAL SKILLS

Software: Languages, build and test systems
C, C++11/14/17, Python 3, VBA, Ruby 2.x, shell ●
CMake 3.x ● GoogleTest, Catch2 (C++), unittest (Py)

FPGA, SoC: Languages, build and test systems
VHDL ● Xilinx Vivado, Vitis/SDK ● ILA

Linux, Cloud, DevOps, Data bases, Web
Oracle Linux 7, CentOS 7, Ubuntu 18.04, 20.04 ● AWS ●
Docker, compose ● Git, Github ● PostgreSQL, MongoDB ●
Django and Flask (Py), Nginx, HTML5/CSS/Bootstrap 4

Data, analysis, visualization, DSP, etc.
Matlab Toolboxes: Symbolic Math, Filter Design, DSP,
Image Processing, Control System ● Python: NumPy,
SciPy, Pandas, Scikit-learn, Matplotlib, Seaborn ● SAS:
BASE, STAT and IML ● SAP: FI/CO og BW

Embedded hardware platforms
Freescale (Arm Cortex-M0+), Beagle (Cortex-A8) ● Xilinx
Zynq-7000 SoC (Cortex-A9 and Artix-7) ● TI C5535

Languages
Danish native, English fluent, German proficient
(B2/C1), Mandarin intermediate.

SELECTED WORK EXPERIENCE

NOVO NORDISK PHILIPPINES | HEAD OF FINANCE, LEGAL, LOGISTICS & IT
2014 – 2016 | Manila, Philippines
- Turn-around in affiliate with new management team, market launch of therapeutic products.
- Leadership of department with 10 employees, focus on employee performance and development.
- As responsible for budgets and finances, ensured that ambitious growth targets for profit were reached in both 2014 and 2015.
- Drove improvement projects in planning, accounting, reporting and logistics processes.
- Significant step-up in professionalism of operations and employee conditions as well as implementation of business ethics program.

NOVO NORDISK A/S | FINANCIAL RISK MANAGER
2011 – 2014 | Corporate Treasury, Bagsværd
- Driving capital structure mgmt. through recommendations to executive management and board of directors, and subsequent implementation.
- Currency hedging; strategy and execution in re. to company exposure and mandate from board.
- Responsible for project to implement a quantitative currency hedging and risk management model in cooperation with McKinsey and PwC.
- Communication of analyses of political and market developments.
- Daily leadership of department graduate.
- Liaising with core banks for operations and tenders.

NOVO NORDISK A/S | GLOBAL FINANCE GRAD.
2009-2011 | Denmark, India, China
- The Graduate Program is a 2-year international talent program with rotations in four areas of Novo Nordisk's global finance org.
- Project mgmt. within "internal management consulting". Finance Projects, Denmark.
- Controlling and reporting, and distributor mgmt. Beijing, China.
- Off-shoring of financial processes from HQ and affiliates, change management. Bangalore, India.
- Measurement and reporting of enterprise risks in re. budgetary and strategic goals. Novo Nordisk Risk Office, Corporate Financial Planning, Denmark.

JYSKE BANK A/S | ASSIST. QUANT. ANALYST
2007-2009 | Quantitative Research, Silkeborg
- Implementation and testing of credit risk models on bank's loan portfolio.

AARHUS UNI. | INSTRUCTOR, CORP. FINANCE
2007-2008 | School of Business

TDC A/S | ASSIST. ANALYST
2004-2006 | TDC Business, Aarhus