

## 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 and 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 basic/independent.

## 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 sales and profits were reached two years in a row.
- 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