AUGUST TOLLERUP

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ME IN 4 SENTENCES

I am a highly motivation-driven person and tend to dive into projects wholeheartedly. I like to devote myself to my work and understand it fully whilst learning about it. To me, dedication is a virtue and I value when I get the opportunity to engage in projects for a longer period. I am a punctual person and honour a schedule.

EDUCATION

Master's in Business Analytics, Technical University of Denmark — September 2023 - Expected June 2025

Bachelor in Artificial Intelligence & Data, Technical University of Denmark — September 2020 - June 2023
Relevant Coursework: Time Series Analysis, Gaussian Processes and Probabilistic Models

Exchange Semester Abroad, Texas A&M, Texas, USA — Fall semester 2022

STX in Mathematics, Chemistry & Physics, Birkerød Gymnasium — 2016 - 2019

SKILLS

Technical Skills	Python, R, SOAR, Docker, Javascript, SQL
Soft Skills	PDDL, Prolog, Linux, Project Management

EXPERIENCE

SecureDevice — Jan 2020 - Present
Lead Developer — *Søborg*

- Assisted in building IBM SOAR Solution from scratch along with maintaining Workflows and Integrations
- Spearhead development of machine learning operations and implementation of Business Intelligence tools.
- Responsible for the current 5 developers and for new hires and their integration into projects.

Keystones — Jan 2020 - September 2020
Assistant Developer — *DTU Science Park, Lyngby*

- Helped facilitate greater meetings (+100 participants) and minor meetings with business cases and investors.
- Assisted in analysing and validating startup cases.
- Developed marketing automations and optimised lead scoring with data analysis.

PROJECTS

Bachelor Thesis: Gaussian Process-based Predictive Modeling of Marine Auxiliary Motor Consumption In my thesis I partnered with Norden and employed a novel approach to marine auxiliary motor consumption prediction by leveraging the ability of Uncertainty Quantification in Gaussian Processes. This yielded a model that estimated fuel usage and provided a calibrated risk assessment.

Time-Series Analysis of PV-Production During my studies I wrote my 'Fagprojekt'. This large project was ongoing for 16 weeks, where my group and I applied time-series analysis on residential PV-Production and power consumption. The project's goal was to create a stock-market trading bot, for electrical power - providing customers with a model that would optimise when to buy, sell or store power to minimise cost.

EXTRA-CURRICULAR ACTIVITIES

- **Participated in Raymond Ideas Challenge**, which is an Entrepreneurship boot camp. My group member and I were selected out of **400** applicants.
- **Vektor/Tutor** at DTU. I was taught how to lead and manage larger groups of new students. As Vektor we are tasked to ensure that every new student coming to DTU has the best introduction to DTU's traditions, culture and fellowship.
- **Volunteered** as a Mentor/Teacher in Ghana and Kenya for half a year.
- **Volunteer Teacher** at ReDI School where I helped talented women with a passion for machine learning and AI to understand the fundamental concepts, together with providing guidance in hands-on implementation in Microsoft Azure.