Jakob Stender Gulderg

Experience

RES (Formerly Anemo Analytics), Data Platform Engineer 2022-2025
Led the development and maintenance of a robust data management system, transitioning from scattered storage to a unified data warehouse.

Evaxion Biotech A/S, Student Developer 2021-2022
Developed internal tools using Django and Python; managed PostgreSQL databases and Django Rest Framework and FastAPI integrations.

Datalogisk Institut Copenhagen University, Student Developer 2020
Developed an automated assignment correction and evaluation framework in Canvas LMS, enhancing the efficiency of academic staff.

Copenhagen University, TA in Applied Programming 2020-2021
Educated students in C++ programming for data-intensive applications.

Obital, Software Developer Copenhagen
Worked with pioneering eye-tracking for mobile applications. This included coding 2018-2020
efficient backend algorithms and frontend for mobile applications, enabling disabled individuals to control their homes using only their eyes.

Copenhagen University, Private Tutor in "Modelling and Analysis of Data
Taught mathematical/statistical concepts and Python implementation, emphasizing problem-solving and coding skills.

Education

MSc. (unfinished) **Copenhagen University**, Bioinformatics 2018–2022

Specializing in computer science with a focus on machine learning and medical image analysis, I completed my thesis in medical image analysis in collaboration with Rigshospitalet, achieving the highest grade (12). This experience made me realize my passion lies in the broader aspects of computer science, specifically machine learning and automation, leading me to pursue a career path that aligns more closely with these interests.

B.Sc. **Copenhagen University**, Naturvidenskab og IT 2014-2018
Interdisciplinary education with a strong foundation in mathematical modeling, computer science, and a further specialization in physics.

High school STX, Physics, Math, and Chemistry 2001-2013

Volunteering

Housing Community Chairman Copenhagen
Managed budgets and led large-scale renovation projects, demonstrating leadership and 2014
organizational skills.

Volunteering at Roskilde Festival Roskilde
Co-managed IT post-festival operations, leading a team of 30 volunteers in logistics and equipment handling.

Volunteering Tutor at Copenhagen University
Provided private tutoring in mathematics and physics, specializing in vector analysis and differential equations.

Volunteering for "Mellemfolkeligt Samvirke" El Salvador

Engaged in community education and development projects, highlighting adaptability and cross-cultural communication skills.

Extra Curricular Activities

TalkPython
Courses on Sphinx Documentation, Cookiecutter, Ansible, Pytest, FastAPI, Django, and Twilio

RefactorGuru
Online books and material on design patterns and refactoring strategies

NixOS & Flakes Book
Book that gives an introduction and solid foundation to work with the bigly reproducible and immutable NixOS, Nix, and Nix-Flakes