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Viktor Busk Dorph

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EXPERIENCE

2025-2025   **Project Developer / Intern – Treat Systems A/S**
Project: Clinical Decision Support Tool
During my internship as part of my Computer Science degree, I participated in the modernization of a clinical decision support solution at Treat Systems. The project focused on migrating an existing platform to a modern web stack and extending its functionality.

Tasks included:
- Migration from legacy technology to C#/.NET and Angular, emphasizing component structure and system integration
- Development of interactive frontend components and data visualizations, including graphs and dynamic views
- Writing tests and debugging in a complex system architecture
- Collaborating in an agile setup with sprints, code reviews, and iterative development
- The project was continued and presented as my final graduation project

Technologies: C#/.NET, Angular, Entity Framework Core, SQL Server, REST API, Docker, Git, Visual Studio, Visual Studio Code, HTML/CSS, Agile/Scrum, Unit Testing

2024-2024   **Project Developer – Treat Systems A/S**
Project: Risk Calculator
Som en del af udviklingsforløbet på datamatiker uddannelsen, blev jeg sat på en af
As part of my studies, I worked on a web-based tool for visualizing decision support in infection management. The task covered both frontend and backend development, focusing on usability and data transparency.

My contributions:

- Implemented dynamic Angular input fields based on database content, minimizing manual entry
- Visualized complex probability-based decision processes via a Bayesian network, focusing on clarity and user-friendliness
- Integrated components into an existing codebase and used modular architecture for scalability
- Optimized development in collaboration with the Treat Systems team

Technologies: Angular, TypeScript, HTML/CSS, C#, .NET, Visual Studio Code, Git, REST API, Canvas API, Bayesian network logic

2023-2025   **Customer Sales Representative, Herzt Aalborg (**Via Biler Udlejning A/S)
Part-time role during my studies, responsible for car rental, preparation, and customer service, including direct customer contact, reservation administration, and vehicle handover/return.

2020-2022   **Production Worker – Mammen Mejerierne A/S**
Worked in cheese production during the COVID-19 pandemic after returning to Denmark.

2018-2020   **Cave Diving Guide / SCUBA Instructor, Italy/Thailand**
Pursued my passion for diving after military service, becoming a certified instructor in Thailand and later expanding into cave diving in Italy. Gained experience teaching both novice and experienced divers.

EDUCATION

2023-2025   AP in **Computer Science, UCN Aalborg**
Final project: Internship at Treat Systems A/S, migrating an aging Java tech stack to C# and Angular with focus on backend and SPA.

Key subjects:
- C# / .NET
- Angular / TypeScript
- HTML5 / CSS
- Entity Framework Core
- SQL Server
- Docker
- REST API
- Git / Azure DevOps
- xUnit
- Visual Studio / Visual Studio Code
- Agile / Scrum

2012-2016   **International Baccalaureate, International School of Schaffhausen (CH) - Bilingual Diploma**

SKILLS

Skill	Years of experience
C# / .NET	2
Angular	1,5
TypeScript / JavaScript	2
SQL / SQL Server	2
REST API	1,5
Entity Framework Core	1
HTML / CSS	2
Docker	2,5
xUnit	1
Azure DevOps	1
Java	1
Git	2
CoPilot	1
Cursor	1

LANGUAGES

Danish   Native (fluent written/spoken)

English   Fluent written/spoken

German   Good proficiency