STEFFAN SØLVSTEN

Bachelor of Science (BSc) in Computer Science at Aarhus University

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Ambitious, versatile and hard-working computer scientists and full stack developer with a deeper interest for *algorithms*, *complexity theory*, and *logic and semantics*.

EXPERIENCE

Teaching Assistant
Aarhus University

📅 March 2017 – January 2018   📍 Aarhus, Denmark

I corrected weekly assingments, and organized weekly classroom following the exercises provided by the course coordinator for a group of students.

I designed extra lessons and exercises to help the students prepare for the courses.

Courses: Algorithms and Datastructures   Regularity and Automata

Software Developer
IT Minds

📅 March 2018 – April 2019   📍 Aarhus, Denmark

Consultant providing IT solutions, that improve and automate the client's workflow. Among my clients have been *LEGO*, where I was working full stack and was the main architect on the frontend Angular application.

I was the lead architect on the frontend of an internal project, where I succesfully mentored the new interns, providing feedback on their approaches to solutions and code quality.

Though more practical, my academic skills and theoretical insights have been invaluable to identify the effective and elegant solutions.

Student Programmer
SCALGO

📅 May 2019 – current   📍 Aarhus, Denmark

SCALGO brings cutting-edge massive terrain data-processing technology to market, build on more than two decades of research on I/O-efficient and geometric algorithms.

As a student developer my responsibilities are the development and maintenance of the *SCALGO Live* platform's frontend and middleware.

SKILLS

Interpersonal Skills

Teaching   Consulting   Public speaking

Technologies

LaTeX   OCaml   Java / C#   Spring Boot   Python   Twisted   Git   SQL   TypeScript   Angular   ReasonML   React

Theoretical Computer Science

Algorithms   Concurrency   Complexity Theory   Functional Programming   Logic   Semantics   Algorithmic Game Theory   Distributed systems   Software Architecture

Mathematics

Linear Algebra   Algebra   Mathematical Modelling   Mathematical Analysis

EDUCATION

BSc in Computer Science
Aarhus University, Denmark

📅 August 2015 – June 2018

Graduating from Denmark's most theoretical computer science bachelor's degree with a mean of 11.5 (A).

📄 Bachelors Project in writing a compiler. Final grade: 12 ($A+$).

LANGUAGES

English   ●●●●○
Fluent – IELTS Academic: 8.0 (2019)

Danish   ●●●●●
Native

German   ●●●●●
Native

VOLUNTEERING

I have been very active at the university outside of the studies. Below are some things I have volunteered for among other things

Tutor
Mat/Fys-Tutorgruppen, Aarhus University

📅 January 2016 – December 2017 📍 Aarhus, Denmark

Planning and delivering a warm welcome first years for their first semester at the University. This included both social and university related questions.

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Bartender
Fredagscaféen, Aarhus University

📅 May 2017 – Present 📍 Aarhus, Denmark

Computer Science's very own "Fredagsbar" at Aarhus University. I have been bartending two to four times every semester.

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Kitchen Responsible
Regnecentralen, Aarhus University

📅 May 2017 – Present 📍 Aarhus, Denmark

Regnecentralen is a kitchen and social hub for students. I took care of practical everyday things, arranged events, created social media content, and am developing a full stack IoT solution to gate the access to the kitchen.

REFERENCES

Prof. Kristoffer Arnsfelt Hansen

@ Aarhus University

✉ arnsfelt@cs.au.dk

Supervisor of small project in game theory