Lars Husted Vadgaard
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Summary

Highly motivated programmer from Denmark with a great interest in functional programming. Driven, analytic, and eager to learn. Soon-to-be graduate from University of Copenhagen with an M.Sc. in computer science. Teaching assistant in a wide variety of university courses over a six-year period.

Education

University of Copenhagen   *2015-2018 / Denmark*

B.Sc. in Computer Science

• General profile (programming paradigms, software engineering, algorithms, data science, etc.)

University of Copenhagen   *2018-2023 / Denmark*

M.Sc. in Computer Science

• With a slight focus on computation, formal logic, and programming language theory

• Expected graduation in 2023 as break was taken during the degree

Experience

University of Copenhagen   *2017-Now / Denmark*

Teaching assistant in the following courses: Responsibilities:

• Logic in Computer Science
• Implementation of Programming Languages
• Advanced Algorithms and Data Structures
• Algorithms and Data Structures
• Computability and Complexity
• Programming and Problem Solving

• Organizing weekly exercise classes
• Coding solutions for assignments
• Correcting assignments
• Pre-grading exams

Prolog Development Center (PDC)   *2020 / Denmark*

Student developer

• Mostly writing batch scripts and small Prolog features

Deutsche Nachschule Tingleff   *2021-2022 / Denmark*

Teacher at a boarding school

• Teaching physics, chemistry, and programming to young adults

Skills

Programming Languages	*Experienced:* Haskell | Python *Familiar:* C++ | C# | F# | PHP | JavaScript
Software Development	Functional Programming (Haskell, ML, F#, etc.) | Unix/CLI | Full-Stack | Automatization
Keyboard Layout	*Native:* Danish *Fluent:* English | German

Recreational Interests

• Piano (recent beginner)
• Photography
• Reading

Miscellaneous

• *Preferred Editor:* (Neo)VIM
• *Keyboard Layout:* US International
• *Actual Keyboard:* Happy Hacking Keyboard JP

Portfolio/achievements

• Stripped-down version of my B.Sc. thesis with a more recent web interface built on Haskell
• My solution for the final exam in the course Advanced Programming
• Web app that allows users to buy cryptocurrency regularly and automatically through configurable buy plans
• Developed software for a medical research group that automatically processes data from X-ray scans, saving them hundreds of man-hours