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Curriculum Vitae of Tobias Jeppesen

Abstract

This document describes Tobias' past experience and education. This document was inspired by RFC style documentation and made following the specifications for the xml2rfc format in [RFC2629]. This document was made for personal use only. This document can be accessed from <https://yoggi.club/CV>

Table of Contents

| | |
|---|---|
| 1. About Tobias | 1 |
| 2. Education | 2 |
| 3. Work Experience | 3 |
| 4. Extracurricular Activities | 3 |
| 5. Languages | 4 |
| 6. Volunteer work | 4 |
| 7. Sources | 4 |
| Appendix A. Extra Work Experience | 5 |
| Author's Address | 5 |

1. About Tobias

Tobias is a software developer currently working for Capture One A/S. He graduated with a bachelor's degree in software development from the IT-University February 2020. During his time at ITU, Tobias became very fond of programming. He enjoys working with a variety of tools and languages. From performant, hardware-specific C code, to high abstraction languages such as Elm and Scala. Tobias' interest in software started from a young age when he first got his hands on the map editor for Heroes of Might and Magic III, he has spent much of his free time since exploring different digital creative mediums such as photography, 3D art and modifying games. Software tools for creative processes such as image manipulation, 3D software, animation tools, game editors and much more has therefore always been a great inspiration for Tobias. It was his interest in this realm of software, that lead Tobias to pursue an education in software development. Tobias loves good u and would gladly talk for hours about espresso brewing at home.

1.1. Tobias enjoys working with:

- o Languages:
Elm, Scala, Javascript, C-language, Java, F#, C#
- o And other things:
Vim, Git, Nix, Postgresql, Good Keyboards

2. Education

2.1. Bsc in Software Development - IT University of Copenhagen

2016-2019

"From a technical point of view, Tobias demonstrated an ability to assimilate a lot of state-of-the-art contents, discuss design choices and implement efficient code. This semester, Tobias has been a TA in the course I give on Operating System and C. He is much appreciated by the students for his kindness and expertise." [PB]

-Philippe Bonnet, (Thesis supervisor)
Prof. in the Dept. of Computer Science of ITU

Notable Courses:

- o Thesis:
A Study of Partitioning Algorithms For In-Memory Databases:

In this thesis I studied and implemented a number of different algorithms in C, to utilize multi-core hardware for large database operations. I largely extended my knowledge about programming in C for larger solutions and parallel computation.
<https://yoggi.club/report.pdf>
- o Intelligent Systems Programming:

Practical Use and implementaiton of a selection of algorithms within AI such as heuristic search, adversarial search, constraint programming, propositional logic and binary decision diagrams.
- o Introduction to Image Analysis and Machine Learning

2.2. HTX (Higher Technical Examination)

2012-2015 - Hilleroed

3. Work Experience

3.1. DevOps Engineer at Capture One A/S

2023 - Present

Tobias plays a pivotal role in orchestrating software delivery pipelines, optimizing infrastructure, managing production services, and successfully executing large-scale migrations with a strong emphasis on reliability and attention to detail.

Platforms: [Azure, Cloudflare, Digital Ocean, Akamai]

3.2. Fullstack Developer at Lendino A/S

2020 - 2022

Tobias worked in a small team of developers in Lendino A/S. His work included working on new features for the platform, cleaning up legacy code, supervising interns and fixing bugs.

Frontend: [Elm, Javascript (React)]

Backend: [Scala, Java, PostgreSQL]

3.3. Software Developer at Greenwood Engineering

2020 - 2020

Tobias maintained software for advanced equipment, made for measuring pavement conditions in the road sector.

3.4. Teaching Assistant at ITU

As a Teaching Assistant at ITU, Tobias worked together with the course coordinator to facilitate a good learning environment for the students.

Courses I have been a TA for:

- o Introduction to Data Science and Programming (2017)
- o Foersteaarsprojekt: (Algorithms and Datastructures) (2018)
- o Programmer som data (2019)
- o Operating Systems and C (2019)

4. Extracurricular Activities

4.1. DGI gymnastik og fitness - Gymnastikuddannelse 1

2014 - Rishoej

The purpose of the education is to gain gymnastic, didactic and human competencies to be a gymnastics instructor in an association. [DGI]

4.2. DTU - Vinder af konkurrencen 'Fyr den af'

November 2010 - Aebent Hus Konkurrence

The Challenge of this competition was to construct a rocket made out of cardboard or paper, and launch it using air, elastic bands or match heads. The prize of the competition was awarded at DTU in Kgs. Lyngby. [DTU]

4.3. Truemax - 3D Junior Workshop Level 1

2009 - Vanloese

3ds max 2009 and Photoshop [TMC]

4.4. Truemax - 3D Junior Workshop Level 2

2010 - Vanloese

3ds max 2010 and Photoshop [TMC]

5. Languages

- o Danish: Native Language
- o English: Fluent

6. Volunteer work

6.1. Barista - Analog Cafe

2018-2019

Analog Cafe is a coffee shop at the IT-University of Copenhagen, that is entirely run by volunteers who are students at ITU.

7. Sources

- [DGI] DGI, "Gymnastik Uddannelse 1 - DGI", 2014, <<https://cv.yoggi.club/gymnastikdgi.pdf>>.
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- [PB] ITU, "Letter of Recommendation by Prof. Philippe Bonnet", 2019, <<https://cv.yoggi.club/recommendation/philippe.pdf>>.
- [PT] ITU, "Letter of Recommendation by Assoc Prof Pinar Tözün", 2019, <<https://cv.yoggi.club/recommendation/pinar.pdf>>.
- [RFC2629] Rose, M., "Writing I-Ds and RFCs using XML", RFC 2629, DOI 10.17487/RFC2629, June 1999, <<https://www.rfc-editor.org/info/rfc2629>>.
- [TMC] TrueMax, "Truemax Certificates", 2009, <<https://cv.yoggi.club/truemax.pdf>>.
- [Website] Tobias, "Website", 2019, <<https://yoggi.club/>>.

Appendix A. Extra Work Experience

A.1. Dishwasher and Prepcook

2015-2016 - Dusty's Bar and Grill Whistler, Canada

When I finished upper secondary school (HTX), I decided to move to Canada for a year. I decided to get a job at a Bar and Grill as a dishwasher (and later prepcook) so I could afford food and pay for rent myself.

A.2. Parkour and Gymnastics Instructor

2013-2015 - Lilleroed Idraetsforening

I've been a gymnast for a long time and when I was 17 I decided to become an instructor to also teach about the sport I was so interested in. This was also my first paid job.

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