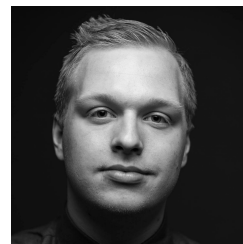


PETER HEILBO RATGEN

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ABOUT - PERSONAL

Software Engineering student, former Computer Science Student, based in Odense, 22 years old. I am driven, and love to dive deep into projects. I am passionate about learning new usable skills, and increasing productivity using new tools. I am especially interested in back-end web-development, and working with Linux.



EDUCATION

University of Southern Denmark

Software Engineering

Sep. 2020 – Jun. 2022

Completed these courses:

- Statistical Data Analysis
- Human Computer Interaction
- Semester project: Interactive Distributed Software Systems:

Created a media player using HTML and JavaScript, working with docker images and kubernetes. Interacting with other teams through APIs.

Currently taking these courses:

- Artificial Intelligence
- Component-based Software Engineering
- Semester project: Intelligent Software Systems:

Creating a component-based 2D game, utilizing AI for path-finding with a focus on choosing the right data structures.

- Semester project: Development of software systems:

Creating a system for managing credits based on a case. Using object-oriented principles, and requirements based engineering.

University of Southern Denmark

Computer Science

Sep. 2017 – Mar. 2020

Completed 130 ECTS towards a Computer Science bachelors degree, completed courses in:

- Discrete Methods for Computer Science
- Introduction to Programming
- Algorithms and Data Structures
- Database Design and Programming
- Concurrent Programming
- Networks and Security
- Computer architecture and system programming
- Linear algebra with applications
- Operating Systems
- Data mining and machine learning
- Formal Languages and Data Processing
- Software Engineering

Odense Tekniske Gymnasium

Higher Technical Examination (HTX)

Aug. 2014 – Jun. 2017

- Specialized study area: Communication/IT A, Design B
Worked with graphic design, and communication in general.
- Technical science: Technical Sciences A, Electricity
Worked with the PIC microcontroller.

ACQUIRED SKILLS

Programming languages

- Python
- Java
- JavaScript
- SQL
- Bash

Misc. tools

- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign

Tools

- Vim
- Git
- Node.js, Express
- Docker
- HTML/CSS
- LaTeX
- Apache Webserver

Languages

- Danish, primary
- English
Written and spoken

PREVIOUS JOBS

Boogies

Cleaner

Sep. 2018 – Present

Design Danmark

Graphic Designer

Feb. 2016 – May 2017

Created menu design for prominent café in Odense, and implemented it in Adobe InDesign. Created logos for clients to consider in Adobe Illustrator.

Dreamsprit Photography

Photo Editor/Co-owner

Mar. 2015 – Jun. 2017

Photography project in free time, editing photos shot in Adobe Photoshop, miscellaneous graphical tasks