



Danish



22/04/96

## CONTACT ME AT



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github.com/simonwinther

## SKILLS SUMMARY

### Programming languages:

Python, Kotlin, C#, Java, C++,  
SQL

### Framework & Tools:

Android, PyTorch, NumPy,  
Django, PostgreSQL, Qt,  
Linux, Scrum,  
Azure, Git

## LANGUAGES

- Danish (Native)
- English (Fluent)
- German (Elementary)
- Italian (Beginner)

# SIMON WINTHER NIELSEN

## PERSONAL PROFILE

I graduated in August 2021 in Computer Science & Engineering from the Technical University of Denmark. I am looking to relocate to the Southern England.

Throughout my studies, and career, I have experienced many fields of computer science from embedded software development to algorithmic design, AI and machine learning.

## EDUCATION

### MSc. Computer Science & Engineering

Technical University of Denmark | Feb 2019 - Aug 2021

My area of focus was algorithms, AI and Machine Learning

- Algorithms, Software Engineering
- Artificial Intelligence, Machine Learning, Deep Learning
- **Thesis:** Reinforcement Learning for Deciphering Solvation Structures

### BEng. Computer Engineering

Technical University of Denmark | Sep 2015 - Jan 2019

My area of focus was embedded software development.

- Algorithms
- Embedded Software Development
- Maths, Signal Processing

## Work Experience

### Software Engineer

SkanTech | Nov 2021 -

- My main area is mobile development for automotive industry in **Android** using **Kotlin**. Furthermore, I am working on REST api's in **C#** and **.NET**

### Student Assistant Software Engineer

SkanTech | Jul 2018 - Mar 2021

- Got to work on many aspects of software engineering from writing embedded software in C++ and Python, to working on REST API's in **C#** and **.NET**

### Internship - Embedded Software Engineer

SkanTech | Feb 2018 - Jun 2018

- Worked embedded software for the automotive industry. Consisting of **C** and **C++** programming in the **Qt** framework.