

M A D S

CHRISTENSEN

CONTACT INFO

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ABOUT ME

I'm passionate about learning new things and thrive in a dynamic workplace where I can evolve and grow. My previous work experience has taught me to step into **responsibility**, work with **interdisciplinary** teams and be **independent** in my own work.

The social aspect of a workplace is important to me and I enjoy building strong relationships with both colleagues and clients.

EXPERIENCE

CLOUD ENGINEER

2023-Now

Kuatro Group | Copenhagen, DK

- Cloud solutions in both Microsoft Azure and Google Cloud Platform, including DevOps tasks such as IaC (terraform), CI/CD (github actions & Azure DevOps).
- Backend software solutions including APIs, authentication and security (SAST, DAST, SCA) in python and golang.

SOFTWARE DEVELOPER

2019-2023

Copenhagen Center for Health Technology | Lyngby, DK

- Lead developer and maintainer of a large European research project (iPDM-GO). In addition, performed user workshops and customer dialogue implementations. ([Link](#))
- Lead developer and maintainer of several packages in Dart used by thousands of people. ([Link](#))

SUBSTITUTE TEACHER

2015-2019

Kratbjergskolen | Allerød, DK

- Teaching all ages of children in all subjects of elementary school. Responsible for teaching and managing the curriculum for 9 months in a 6th grade class, as well as organising the day-to-day in several classes.

EDUCATION

MSc in Computer Science and Engineering 2020-2023
Technical University of Denmark | Lyngby, DK

- Graduated with 12 (A)
- Thesis topic: "Sensor Data Fusion and Intelligent State Prediction for Human Digital Twins in Stroke Therapy with Exoskeletons."

MSc in Computer Science and Engineering 2017-2020
Technical University of Denmark | Lyngby, DK

- Thesis topic: "Software Implementation of Cognitive Tests on a Mobile Platform."

NOTABLE PROJECTS

HEALTH PACKAGE 2020-23
Link to package

(Android Kotlin, iOS Swift)

- A multi-platform package for integration with Apple HealthKit, Google Fit and Android Health Connect. A top 3% used package in the Flutter community.

ECG AND IOT DEVICE COMMUNICATION USING BLUETOOTH GATT BYTES-PROTOCOL 2023

Link to package

(Dart, Bluetooth GATT 4.0 Bytes-protocol)

- Developed a Dart plugin which communicates with ECG and IoT devices using Bluetooth GATT protocol based on byte communications.

SOFTWARE IMPLEMENTATION OF COGNITIVE TESTS ON A MOBILE PLATFORM 2019

Link to package

(Flutter, Dart)

- Developed a Flutter package with 14 cognitive tests which we converted from pen and paper to a mobile platform.
- Has received interest from several companies and research groups - most notably *Quantified Citizen* and *Penn State University*.

ACHIEVEMENTS

- Awards**
- Gold medal in the International Genetically Engineered Machine (IGEM) competition 2019 as part of UCopenhagen team

SKILLS

- ● ● Python, Golang, SQL, Terraform
- ● ○ Dart, Flutter, Java, JavaScript, Bicep
- ○ ○ R, F, C, C++