

LINDE HESSE

EDUCATION

DPhil in Engineering

University of Oxford

Oct. 2019 - present

Oxford, UK

DPhil in Engineering focusing on the development of deep-learning methods to analyse the fetal brain during gestation from 3D ultrasound volumes.

Supervisor: Dr. A.I.L. Namburete

MSc in Medical Engineering

University of Technology Eindhoven (TUE)

Sept. 2016 - June 2019

Eindhoven, NL

Dissertation: Primary tumor origin classification of lung nodules in spectral CT using transfer learning.

Exchange Biomedical Engineering

Instituto Superior Tecnico Lisboa

Feb. 2018 - July 2018

Lisbon, PT

Extracurricular exchange semester

Bachelor Biomedical Engineering

University of Technology Eindhoven

Sept. 2013 - Aug. 2016

Eindhoven, NL

AWARDS

- Microsoft Research PhD Fellowship 2021-2022
- Departmental Studentship (EPSRC), merit-based scholarship for full tuition and living costs

RESEARCH EXPERIENCE

Intern Biomedical Imaging

Microsoft Research Cambridge

June 2022 - Aug. 2022

Cambridge, UK

Supervisors: Dr. Daniel Coelho de Castro and Dr. Javier González

Research Intern Deep Learning

Martel Lab, Sunnybrook Research Centre, University of Toronto

Feb. 2019 - June 2019

Toronto, CA

Supervisors: Prof. Dr. A. Martel and Dr. M. Veta

Graduate Intern

Image Sciences Institute, University Medical Center Utrecht

June 2018 - Jan. 2019

Utrecht, NL

Supervisors: Dr. V. Cheplygina, Prof. Dr. J.P.W. Pluim and Prof. Dr. P.A. de Jong

Research Intern Image Analysis

Verbeeten Institute

Sept. - Nov. 2017

Tilburg, NL

Supervisor: Dr. M. de Smet

TEACHING EXPERIENCE

GirlsWhoML

Class Lead and Content Creator

March 2021 - Present

GirlsWhoML is an initiative to provide women interested in machine learning with an online introductory course into machine learning.

Department of Computer Science, University of Oxford

Nov. 2020

Course Demonstrator

Oxford, UK

Deep Learning and Machine Learning Course, which is part of the doctoral training program at the Department of Computer Science.

Department of Biomedical Engineering, TUE

Sept. 2015 - Oct. 2018

Course Demonstrator

Eindhoven, NL

Courses: Design (BSc), Human Metabolism (BSc) and Medical Image Analysis (MSc)

OTHER ACTIVITIES

Oxford Women in Computer Science

President

June 2021 - Jun. 2022

In the Oxford Women in Computer Science Society (OxWoCS) we aim to support and promote women working in computer science by organising a large number of events throughout the academic year. As President I am responsible for overseeing all activities as well as maintaining contact with our sponsors and the Department of Computer Science.

Seminar Organiser

June 2020 - June 2021

As seminar organiser I have organised two seminars per term where we invited established female researchers to talk about their research.

AthenaStudies Eindhoven

Sept. 2015 - Nov. 2016

Department Manager

Eindhoven, NL

Responsible for organising additional tutoring classes at the Department of Biomedical Engineering to help students prepare for their BSc exams.

Pre-University College, TUE

Sept. 2014 - March 2016

Workshop organiser

Eindhoven, NL

Organised weekly outreach workshops for high school students in order to get them acquainted with technology and show them the possibilities of doing an engineering degree.

SKILLS

Languages

Dutch (native), German (native), English (fluent)

Coding Languages

Python, Matlab and C++

PUBLICATIONS AND CONFERENCE ABSTRACTS

See [here](#) for an updated list of publications