

HENRIK AASEN KJELDSBERG

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GitHub: hkjeldsberg

EDUCATION

- Simula Research Laboratory** *September 2020 - present*
PhD candidate in Computational Physiology
Department of Computational Physiology - Simula Research Laboratory
- University of Oslo** *August 2016 - June 2018*
Master of Science in Applied Mathematics and Mechanics
Department of Mathematics - UiO
- University of Oslo** *August 2013 - June 2016*
Bachelor of Science in Mathematics, Informatics and Technology (MIT),
Specialization in Mechanics and Technology
- Sande Videregående Skole** *August 2008 - June 2011*
General education with specialization within mathematics, biology and chemistry.
Sande, Vestfold

DATA ANALYTICS SKILLS

- Languages** Python, MATLAB, Java, Bash,
JavaScript, TypeScript, HTML, CSS/SCSS, XML, JSP
- Libraries/Packages** Matplotlib, NumPy, SciPy, SymPy, Pandas, Scikit-learn, VTK,
VMTK, FEniCS, Jupyter, Cython, Flask, React, Redux, Spring,
JUnit, Oasis, morphMan
- Software & Tools** L^AT_EX, GeoGebra, Mathematica, Git, SQL, Docker, Jira, Splunk,
Postman, IntelliJ, PyCharm, Linux, Slack, Google Analytics, Unity,
Jenkins, Azure, AppVeyor, Circle CI, Travis CI, OpenFOAM,
ParaView, Zoom, ITK-Snap, MeshMixer

WORK EXPERIENCE

- Research Trainee** *March 2020 - August 2020*
Research trainee at Simula, working in the Department of Computational Physiology. Contributing to the IsDeCa project, developer in the Smittestopp project, and working on manuscripts within computational physiology. Main technologies include OpenFOAM, Swift, Python, and FEniCS.
Simula Research Laboratory
- Software Developer** *August 2018 - January 2020*
IT consultant at Bekk, working as a full-stack developer. Main technologies include Java, TypeScript, React and MSSQL, following Agile software development. Projects at BankAsept and Vipps.
Bekk Consulting AS
- Private tutor** *May 2015 - June 2018*
Private tutoring, mainly teaching mathematics, and elementary science.
House of Math

Mentor *August 2014 - December 2016*
Mentor for a group of 10th graders, or upper secondary school students, with intentions to motivate for a future within maths and science/technology. ENT3R is a student driven project at the University in Oslo.
ENTER, UiO

Janitor *July 2010, January 2012 - July 2012, July 2013, July 2014, July 2015, July 2016*
Summer job and temporary staff (in 2012) as janitor at Sluppen and Nedre Elvehavn, in Trondheim. Management and maintenance at various commercial and service businesses.
Kjeldsberg Eiendomsforvaltning AS

Production worker *July 2011*
Summer job at a coffee factory in Trondheim, as a warehouse assistant and controller during coffee production.
Kjeldsberg Kaffebrenneri AS

VOLUNTARY WORK

Board member *April 2021 - present*
Board member in the family investment company.
Kjeldsberg Next Gen Forum, with focus on sustainability and property technology.

Café assistant *August 2012 - June 2018*
Weekly shift at a student café (Realistforeningen) at UiO.

Daily manager *August 2015 - December 2015*
Daily manager at a student café (Realistforeningen) at UiO.

Student society contact person *January 2016 - June 2016*
Student society contact person for Realistforeningen, with intentions of creating a healthy student society environment.

Student life assistant *August 2015 - August 2016*
Student life assistant in the Mathematical Student Council. Assisting with planning and arranging of social events for the mathematics students.

Sponsor responsible *September 2015 - December 2015*
Sponsor responsible for Vektorprogrammet, Oslo.

Student contact person *September 2015 - December 2015*
Student contact person for Tekna, mainly working with recruitment.

PERSONAL QUALITIES

Driving license
Class B.

Mother tongue
Norwegian.

Other languages
Fluent in English.

REFERENCES

Pål Rye

Head of production, Kjeldsberg Kaffebrenneri AS

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