ASHILD KUMMEN

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──── SKILLS ────

Programming: Python (Pandas, Numpy, Scikit-Learn, Regex, NLTK, Matplotlib, Seaborn, scikitlearn), SQL, Matlab, R (Tidyverse, dplyr, ggplot2, glmnet, R Markdown), HTML & CSS, Bash.
Software: SPSS, Minitab, MS Office (Word, Powerpoint, Excel), Photoshop, Windows, MacOS, Jupyter.
Other: Quantitative & Qualitative Research, Statistical Analysis, Version Control (Git), NLP.
Languages: English (fluent), Norwegian (native), British Sign Language (beginner).

──── EDUCATION ────

MSc Computer Science | University College London   Sep 2017 – Jul 2020

The degree covers computer science theory as well as practical software engineering, including teamwork with industrial and research clients.
Relevant modules: Computer Architecture, Database and Information Management Systems, Algorithmics, App Engineering, Project Management, Software Engineering, Machine Learning for Domain Specialists.
Thesis: The thesis will be 3-month industrial placement over the summer term with a UK-based company.

BSc (Hons) Psychology | University College London | 1st (with distinction)   Sep 2017 – Jul 2020

Embodied key theories on the underlying mechanisms of human behaviour.
- Received **Faculty Medal** as part of **top 5%,** in terms of academic performance.
- Relevant modules: Machine Learning for Behavioural Analytics, Advanced Multivariate Statistics.

Thesis: "Does environmental bias influence sensory detachment?" with Dr Lucie Charles and Prof Patrick Haggard. Designed experiments, collected data, and analysed data on unwanted perceptual influences on decision making and metacognitive awareness of such influences. Manuscript in prep (first author).
- Awarded the UCL **Henry Plotkins prize** for best undergraduate thesis 2020.

Boston College Experience Program | Boston, USA   Jun 2015 – Aug 2015

- Introduction to Psychology (A), Introduction to Philosophy. Volunteered at children's hospital.

Akademiet Sandnes Upper Secondary School | Sandnes, Norway   Aug 2014 – Jun 2015

A∗: Mathematics, Economics, Biology, Chemistry, Spanish, English.   A: Physics, Norwegian.

Online Courses (Coursera)   Jun 2020 – Sept 2020

- **Mathematics for Machine Learning (Specialization),** Imperial College London, 15 weeks of study.
- **Applied Data Science with Python (Specialization),** University of Michigan, 20 weeks of study.

──── WORK EXPERIENCE ────

Institute of Cognitive Neuroscience | University College London   May 2019 – May 2020

Involved in testing, data analysis, and pre-registration of research on language development and screen use in children 1-4 years old under the supervision of Dr Evelyne Mercure. Responsible for data pre-processing scripts to be submitted with the registered report. Manuscript in prep (second author).

King's College London Hospital   Jan 2019 – Dec 2019

Assisted on writing and performed the statistical analysis of research on hardware failure in patients with diabetic foot surgery, led by Prof Venu Kavarthapu. Published in AOJ (**doi: 10.21037/aoj.2020.01.06**).

Institute of Psychiatry | University College London   Oct 2018 – Mar 2019

Wrote blog posts summarising research on the environmental factors influencing psychotic disorders supervised by Dr James Kirkbride. Received significant positive feedback on social media (**psylife.eu/blog**).

──── COMPETITIONS ────

UCL COVID-19 Recovery Competition | 2nd Place   Jun 2020 - Jul 2020

As part of a team of three, we developed an approach to mitigate spread of Covid-19 in hospitals with guidance from Dr Rebecca Pope from KPMG. The proposal was to employ a real-time tracking system where movement is recorded as a series of spatiotemporal events, and the data analysed to make causal inferences about when and where the virus spreads (Website**: https://ashildkummen.github.io/traverse/**).