

ASHILD KUMMEN

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I am a MSc Computer Science student at University College London (graduating 2021) with a BSc in Psychology and experience in qualitative and quantitative research and data analytics.

SKILLS

Programming: Python (Pandas, NumPy, Regex, Scikit-Learn, NLTK, Matplotlib, Seaborn), R (Tidyverse, dplyr, ggplot2, glmnet, R Markdown), MATLAB (psychtoolbox-3), SQL, HTML, CSS, PHP, Bash.
Software: SPSS, Minitab, MS Office (Word, PowerPoint, Excel), Photoshop, Windows, MacOS, iOS.
Other: Quantitative & Qualitative Research, Statistical Analysis, Version Control (Git), NLP, Google Analytics.
Languages: Norwegian (native), English (fluent), British Sign Language (beginner), Spanish (beginner).

EDUCATION

MSc Computer Science | University College London Sep 2020 – Aug 2021 (expected)

- The degree covers computer science theory as well as practical software engineering, including teamwork with industrial and research clients. There is a great emphasis on collaboration, and I am part of 5 group projects.
- Relevant modules:** Database and Information Management Systems, Algorithmics, Computer Architecture and Operating Systems, Software Engineering, Functional Programming, Machine Learning, Introduction to NLP.

Dissertation: A 3-month summer (2021) industrial placement.

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

- Received **Faculty Medal** as part of **top 5%**, in terms of academic performance.
- Relevant modules:** Machine Learning for Behavioural Analytics and Advanced Multivariate Statistics.

Dissertation: Explored how irrelevant information can subconsciously influence decision-making. Supervised by Dr Lucie Charles and Prof Patrick Haggard. Manuscript submitted for publication (first author).

- Awarded the UCL **Henry Plotkin's Prize** for best undergraduate psychology thesis.
- Presented at UCL Institute of Cognitive Neuroscience 'Teatime' Talk.
- Demonstrated experiment for member of UCL council Lord John Sharkey.

Boston College Experience Program | Boston College, 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 2017

- A*: Advanced Mathematics, Financial Management, Biology, Chemistry, English. A: Physics.

Online Courses | Coursera

- Applied Data Science with Python (Specialization)**, University of Michigan, 20 weeks of study. Sep 2020
- Mathematics for Machine Learning (Specialization)**, Imperial College London, 15 weeks of study. Sep 2020

EXPERIENCE

Data Consulting Executive | UCL Analytics for Social Impact Society Sep 2020 – to date

Volunteer for the Holborn Community Association charity.

- Assisting on the analysis of Google Analytics data for search engine optimisation and fundraising.
- Responsible for analytics and corresponding infographics for the Christmas JustGiving fundraising campaign.

Research Intern | Institute of Cognitive Neuroscience, UCL May 2019 – Feb 2020

Involved in testing, data analysis, and pre-registration of research on language development in children. Responsible for data pre-processing scripts. Manuscript in prep (second author).

Research Assistant | King's College London Hospital Jan 2019 – Dec 2019

Assisted on writing and responsible for the statistical analysis of research on hardware failure in patients with diabetic foot surgery. Published in AOJ (doi: [10.21037/aoj.2020.01.06](https://doi.org/10.21037/aoj.2020.01.06)).

COMPETITIONS

UCL COVID-19 Recovery Competition Jul 2020

As a team of three, we developed an approach to mitigate spread of Covid-19 in hospitals with guidance from Dr Rebecca Pope from the KPMG Data Science Team (Website: <https://ashildkummen.github.io/traverse/>).

- Won 2nd place out of over 30 teams.