

Matthieu Schulz

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EDUCATION

University College London (UCL)

09. 2019 – 06. 2022

BSc in Computer Science, First Class Honours - GPA 4.0/4.0

London, UK

- **Relevant Modules:** Software Engineering, Mathematics and Statistics, Systems Engineering, AI and Neural Computing
- **Thesis:** NHS Soundlab Dashboard: Visualization of training model data to assist classification processes
- **Research Paper:** Promoting conversations between NHS staff through an optimized HCI and Data Science driven system
- **Awards and Honors:** 2021 UCL Computer Science Departmental Award - Outstanding 2nd Year Systems Engineering Project
- **Ranking:** In top 5 of a cohort of 160 students
- **Societies :** Boat Club (Senior Men), Data Science Society, Computer Science Society, Entrepreneurship Society

WORK EXPERIENCE

AON – leading global professional services firm providing risk-mitigation products

06. 2021 – 09. 2021

Software Engineering Intern (focus in Machine Learning and Data Science)

Paris, France

- Worked on 2 projects in AON AUTO app in Flutter and covered codebase with unit and integration tests
- Optimized application's ML models to boost damage detection algorithm performance above 85% accuracy
- Demonstrated system architecture and presented contribution during global team conference (30+ AON engineers)

NHS – National Health Service

09. 2020 – 04. 2021

Software Engineering Intern (Data Science and Human Computer Interaction)

London, UK

- Led front-end development and data science tasks within UCL's IXN Program, containerized application using Docker
- Deployed a platform for NHS staff using NextJS to visualize performance and work efficiently in 7 areas through self-reports
- Created line charts, word cloud visualizations and a personal analytics feature providing end-users insight to improve performance

EcomSpy (now Minea.com) – Data analytics SAAS

09. 2019 – 09. 2020

CTO and Data Scientist

London, UK

- Engineered a dashboard PWA for e-commerce companies to identify most efficient and profitable influencers across 13 countries
- Developed multiple data analytics driven features using the MERN stack and oversaw project management
- Constructed a scraping algorithm to acquire information in Python in real time from 10,000 influencers Instagram stories

MSK Agency – EdTech

09. 2017 – 09. 2019

Founder and Software Engineer

Paris, France

- Founded an EdTech startup to accompany entrepreneurs in creating and developing e-commerce brands
- Started and built e-commerce cosmetics brand, invested 150,000€ worth of product placements with leading French influencers
- Earned 100,000 MRR in June and July 2019 for all company divisions, managed sales and marketing team of 7

ADDITIONAL INFORMATION

- **Research Interests :** Data Science and Human Computer Interaction with a focus in HealthCare
- **Technical Skills :** Python, Flutter, Swift, Java, JavaScript (React.js, Next.js), HTML/CSS, SQL (PostgreSQL, MySQL), DevOps
- **Volunteering:** Enrolled in Food Bank collection and distribution, fundraising marathon running for NGO "Action Contre La Faim"
- **Languages :** native/bilingual French and English, advanced German, intermediate Mandarin Chinese, elementary Spanish
- **Nationalities:** French, British, Swiss