C.V. 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: Visualisation 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 out 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
- Optimised application's ML models to boost damage detection algorithm performance above 85 percent accuracy
- Presented system architecture and 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 visualise performance and work efficiency in 7 areas through self-reports
- Created line charts, word cloud visualisations 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 from 10,000 influencers Instagram stories in real time

MSK Agency – EdTech   09. 2017 – 09. 2019
Founder and Software Engineer   Paris, France

- Founded at 17 an EdTech startup to accompany entrepreneurs in creating and developing e-commerce brands, exit of 200,000e
- Started and built e-commerce cosmetics brand, invested 150,000e 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