

**EDUCATION**

- 2021 - 2022 London Business School**  
Reading for Masters in Analytics and Management  
GMAT 720 ; LBS Data Club
- 2016 - 2020 University College London**  
MEng Electrical and Electronic Engineering, First Class Honour. Awarded Best Masters Project within the Department — **published** in ICL-GNSS 2021 conference proceeding.
- 

**BUSINESS EXPERIENCE**

- 2020 - 2021 BOSCH, Budapest, Hungary**  
**Software Engineer within Near Range Camera Systems, Automotive (8 months)**
- Collaborated with 3 teams from Hungary, Germany and India to implement new views and overlays in C++ in parking camera visualisation for customer models due to launch in 2022.
  - Initiated and led the improvement of the integration of new car parameter signals, dependent on 3 separate teams, improving the handover and reducing errors due to miscommunication.
  - Reduced debugging time by 45 minutes, by creating a Python script which identifies mismatches between 2 repositories that lead to a runtime error.
  - Implemented fixes in C++ regarding operating logic and code quality.
- 2020 PROMELEK S.A., Cluj, Romania**  
*Electrical Equipment Distribution and Electrical Solutions Company*  
**Digitalisation Consultant (3 months)**
- Developed Microsoft Power Automate Business Process Flow to simplify and unify the tracking of product returns from clients. Coached the employees in using it, through online workshops.
  - Created a custom entity and database rules within the Microsoft Cloud Database to enable continuously updating BI analytics and visualisation.
  - Achieved 30% reduction in user input mistakes by unifying the return/complaint tracking into a single interface, allowing for precise tracking of each stage of the return process.
- 2019 HUMATICA, London, United Kingdom**  
**Business Analyst Intern (3 months)**
- Modelled the size of the High Net-Worth wealth management market and segmented it into 20 dimensions for the client.
  - Helped identify 5 growth areas by visualising the percentage of customers acquired within each market segment by the client.
  - Wrote a 5 and 10 year outlook report on the effects of Automation and AI on operating models across industries, providing a roadmap for sectors where management consulting might be needed.
  - Assisted the partner and manager in presenting the analyses techniques and data sources in the Excel models provided to the client during 3 meetings.
- 2017 ELEKTRA S.A. San Sebastian, Spain**  
*Electrical Equipment Distribution and Industrial Automations Company*  
**Research Intern (1 month)**
- Researched topics that fall under the umbrella term Industry 4.0, such as: predictive maintenance, AR assisted production lines, machine learning, collaborative robots.
  - Wrote, recoded and edited one in-depth explanatory and one marketing video about the technologies enabling the next industrial revolution, both of are still in use at the company.
  - Shadowed the head of the innovation lab at the company, to learn about their digitalisation efforts.
- 

**ADDITIONAL INFORMATION**

- LBS** • Data Club founding member, Personal Portfolio Website
- UCL** • Head of Engineering Projects, UCL Engineering Society, Founding Committee Member, Workshops organiser and leader.
- Seminars** • Predictive Analytics and IoT projects for smart homes during Connected Systems elective at UCL.
- 2-day Seminar with Harvard Business School Prof. Frank Cespedes on Strategy, Pricing and Go to Market Strategy, improving my business case development.
- Sports** • Waterpolo player since 2008, Romanian national league, UCL 1st team. 2nd place in BUCS 2017.
- 1000 km Bike Expeditions, with 40 students, leader of the front bike team ([after-movie link](#)).
- Tech. Skills** • Python, R, C++/C, Java, Matlab, SQL, Microsoft Power Automate, Tableau, Git
- Languages** • English (Fluent), Hungarian (Native), Romanian (Fluent)