Sean Carlo Epstein   Curriculum vitae

EDUCATION | **University College London**, London, UK | **2019 - 2023**

- PhD, Computer Science & Medical Physics

  Title: Computational experimental design for quantitative MRI
    Themes: Computational modelling, high-dimensional optimisation, deep learning training strategies
    Supervisors: Prof. Gary Zhang; Dr Timothy Bray; Prof. Margaret Hall-Craggs

King's College London, London, UK   **2017 - 2019**

- Postgraduate certificate, Clinical Sciences (Medical Physics)   *Distinction*

  Credit from early termination of MSc in Clinical Sciences associated with NHS employment; left these studies early to pursue PhD.

University of Cambridge, Cambridge, UK   **2011 - 2015**

- M.Sci, Natural Sciences (Physics)   *Second Class honours (2.i)*

  Research project: Non-invasive detection of cancer drug resistance: confocal Raman microspectroscopy of human lung carcinomas
    First Class honours (1st)
    Supervisor: Prof. Sarah Bohndiek, Vision Lab

  Entrepreneurship project: ETECH (Judge Business School)
    First Class honours (1st)
    Commercial feasibility report for early-stage spin-out (IoT 'smart' pillbox: Memobox by Tinylogics).

- B.A., Natural Sciences (Physics)   *Second Class honours (2.i)*

EMPLOYMENT | **University College London**, London, UK | **2019 - 2023**

Postgraduate Teaching Assistant

- Teaching, marking and course development for MSc-level programme in Computer Science (COMP0121: Computational MRI).

St George's NHS Trust, London, UK   **2017 - 2019**

Scientist Training Programme (Medical Physics)

- 3-year NHS graduate scheme leading to 'Clinical Scientist' registration.
- Rotational placements across four Medical Physics departments.
- Terminated after two years to pursue PhD at UCL.

Loowatt, London, UK   **2017**

Business development consultant

- Fixed-term post within a closed-loop sanitation early-stage start-up.
- Logistics optimisation for UK and developing world businesses.

Motcomb Estates, London, UK   **2017**

Private equity analyst, family office

- Member of 3-person liquid asset team.
- Buy-side investment analysis, with a focus on distressed corporate debt.
- Covering a broad range of business sectors: real estate, hospitality, transport, retail, entertainment.

FURTHER INFO | seancepstein@gmail.com | https://seancepstein.github.io