Daniel Temesgen

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EDUCATION

- **University College London** — London, UK
  Chemistry BSc: First Class Hons — 2017

- **City & Islington Sixth Form College** — Islington, London
  A Level: Physics (A*) Mathematics (A) Chemistry (A) AS Level: Further Mathematics (A) — 2011 - 2013

EXPERIENCE

- **Barclays UK Graduate Scheme** — London, UK

  Research Analyst - Barclays UK, ACE — Sep 2018 - Feb 2019
  - Developed, tested and presented an optimised SQL methodology which enabled colleagues to perform data transformation and extraction over 90% faster and with increased scope compared to previous methods.
  - Completed deep dives on Wealth and Business Banking key clients, Relationship Managers, Account Opening and Mandate Change featuring K Means Clustering. Presented to Directors in the business, with actionable recommendations taken forward to the CEO of Business Banking.
  - Introduced Python to the team for research, presented to analysts on statistical methods and best practice.

  Digital Analyst - Barclaycard UK, Strategic Analytics — Mar 2018 - Aug 2018
  - Responsible for developing the Digital Analytics capability in the team.
  - Built a deterministic matching algorithm in SQL to deal with a technical error which prevented users being tracked across domains. The algorithm used IP Address, device model and timing attributes.
  - Developed a method to link web-traffic behaviour to account performance to analyse the links between application browsing behaviour and customer risk performance.
  - Built a report for Marketing colleagues to assess the affect errors had on account conversion.
  - Developed a template in Python for colleagues to visualise data in four dimensions.

  Data Product Manager - Barclaycard International — Sep 2017 - Mar 2018
  - Aided in organising a landmark two-day hackathon with the Office for National Statistics. This was the first event where Barclays data was brought onto an external network for analysis.
  - Focused on developing challenges set to participants, uploading and securely hosting aggregated Barclays data, troubleshooting, and developing the winning proposal.
  - Led regular calls spanning three continents on bespoke protocols for handling Barclays data in an external environment.
  - Worked on use cases involving business matching, data visualisation and natural language processing.

- **Barclays Summer Internship** — London, UK

  Spend Engagement Analyst - Barclaycard UK — Jun 2016 - Aug 2016
  - Undertook a deep dive into the New Customer Engagement programme, which has an annual reach of over 1 million customers. This included an analysis of key incremental metrics; email performance and customer advocacy data.
  - Led a team of 5 to design, develop and deploy a spend trigger to 16,000 disengaged customers.
  - Created a financial model to ascertain the turnover of this programme over the short to medium term.
  - Led a group 6 fellow interns to win a Hackathon against 8 other teams, focused on innovation.

- **Boston Consulting Group: Rare Consult Programme** — London, UK

  12 month mentoring programme organised with Rare Recruitment — 2015
  - Participated in interactive case studies relating to consultants' experience.
  - One-to-one mentoring featuring case preparation and commercial awareness.

SKILLS

- **Languages**: Python, SQL, Git, Javascript.   **Technologies**: Hadoop, Teradata, SAS, Heroku, p5.js, Jekyll.
  Project Management: AgilePM Practitioner