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# Rahul Berry

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## Education:

- 10/16 - present **Imperial College London: Electrical and Electronic Engineering with Management (MEng)**
- Expected First-class honours.
  - Led a team of 6 as the project manager, in developing a rover which was able to traverse a rugged terrain and detect various emitted signals. Developed sensors and a web application through various phases of design and testing using Arduino to analyse the signals and control the rover's movement
- 08/02 - 06/16 **The British School, New Delhi**
- International Baccalaureate: Achieved 42 points out of 45. Studied Physics (7), Economics (7) and Mathematics (6) at Higher Level.
  - Received the Directors Award in 2016, 2015 and 2014, for results in the first decile each year.
  - Obtained a Gold Award in the UKMT Senior Mathematics Challenge.
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## Professional Experience:

- 04/18 **Morgan Stanley - Spring Intern: Institutional Securities Group**
- Gained an insight into the Institutional Securities group-covering IBD, S&T and Equity Research.
  - Delivered a report and presentation, on the impact of server-less computing across various sectors.
  - Given an overview of the role of research analysts in telecommunications, oil&gas and technology.
- 03/18 - 04/18 **J.P. Morgan - Spring Intern: Finance for Non-Finance - Investment Banking and Markets**
- Achieved the largest profit out of 20 teams in the AMT trading simulation.
  - Shadowed employees on the G10 Foreign Exchange desk.
  - Provided with an overview of the lifecycle of a deal in M&A and an insight in ECM and DCM.
- 12/15 - 02/16 **Micro Precision Products Pvt Ltd, New Delhi**
- Delivered a presentation on micro Venturi tubes in the petrochemical industry to members of staff.
  - Studied and designed aerofoils using AutoCAD, to be used in a future research project.
  - Conducted research into the application of Venturi tubes in wind-tunnels.
- 04/15 - 05/15 **Eros Hotel, New Delhi**
- Provided customer service while managing customer complaints in person and over the phone.
  - Shadowed members from the food and beverages department to gain a deeper insight into senior management roles.
  - Generated and analysed a survey of over 300 guests to create constructive feedback for the hotel and staff.
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## Technical Skills

- Computing: Mac OS and Microsoft Windows. C++, Python. MATLAB and VERILOG HDL.
  - Languages: Fluent in English and Hindi.
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## Extracurricular Experience and Leadership Roles

- 10/17 - present **BikeSafe, Project Manager and lead UX developer, Imperial College London**
- Developed a concealed bike tracking security system that is placed within the frame of a bicycle.
  - The device is powered inductively and does not have to be removed to be charged by the user.
  - The mobile UX was designed for android devices, allowing the user to track the live location of their bicycle while storing user/bike information on a realtime firebase database.
- 07/16 - 08/16 **PAWS Animal Shelter, New Delhi**
- Ran three adoption drives across New Delhi to help provide stray dogs and cats with better homes, achieving an adoption rate of above 70%.
  - Demonstrated strong organisational skills by planning two fundraising events, accumulating over £2000 in donations.
- 10/15 - 05/16 **Research Project on the relationship between Angle of Attack and Lift Force**
- Researched the relationship between angle of attack and lift force using a self-constructed wind tunnel, MATLAB and EXCEL.
- 05/15 - 06/16 **The British School, New Delhi - STEM initiative**
- Launched The British School STEM initiative and carried out interviews to assemble a team of 6 to teach and build equipment for children.
  - Designed induction torches and DC motors to be used as tools to facilitate education in a local village school. Built a stable multivibrators used to promote further education in Engineering.
  - Taught children between the ages of 6 and 12 basic Mathematics and Physics.
- 10/14 - 03/16 **Captain of The British School, New Delhi Senior Basketball Team**
- Placed 1<sup>st</sup> out of 20 teams in the ISACI (inter-state) tournament in 2015 and 2016.
  - Trained the junior basketball team for various youth tournaments.
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