
Rahul Berry

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Education:

10/16 - present **Imperial College London: Electrical and Electronic Engineering (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 1st 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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