London Sample Internship List – Engineering

INDUSTRY DESCRIPTION

Engineering opportunities across London are fiercely competitive and many host sites adopt a University Graduate Program Scheme. Therefore, undergraduate students seeking an engineering placement must be able to demonstrate a comprehensive academic background related to engineering as well as relevant vocational or extracurricular experience. Due to the nature of the industry and the geographical requirements of many engineering organisations, some engineering opportunities will not be possible in city of London and opportunities would only be feasible if the student is prepared to travel outside of the city. However, CAPA has been able to forge a limited number of meaningful opportunities with placements that help to develop engineering skills, knowledge and understanding. Within these opportunities students will need to be able to apply mathematical, scientific, technological and commercial awareness in to practice.

Examples of Past Placements (Please note that the following sites are a brief cross-section of current CAPA internship host sites and should not be considered as a guarantied location for your placement. All internship & service learning placements will be dependent upon each individual applicant's application documents, prior experiences, demonstrated skills and their aspirations and goals.)

Imperial College London	Imperial College of Science, Technology and Medicine is an independent constituent part of the University of London. The College teaches and researches a full range of science, engineering, medical and management disciplines at the highest level.
Adthena	Adthena Ltd have a product called Adthena which is a leading search competitor intelligence tool for search advertisers. They have developed the tool and are actively developing and selling the tool as a Software Service solution. The company has been in search for many years but this new product is taking them into new directions and they are growing rapidly. As such they have a team of excellent Software Engineers that help the business grow and develop state of the art services.
Lockheed martin	Lockheed Martin is a global security and aerospace company that employs about 116,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

Parsons Brinkeroff	Parsons Brinckerhoff (PB) is a global leader in developing and operating infrastructure around the world, with around 14,000 employees dedicated to meeting the needs of clients and communities across Europe, Africa, the Americas, the Middle East, Asia and the Australia-Pacific region. Clients come to PB for a wide range of advice, skills and resources in strategic consulting, programme management, planning, engineering, construction management and operations. For 125 years PB has earned a distinguished reputation for delivering world-class infrastructure and its technical expertise in transportation, power, community development, water and the environment.

POTENTIAL PROJECT OPPORTUNITIES

Project opportunities will be dependent upon the current needs within the organisation and the demonstrated skills and abilities shown by each intern. It is imperative to remember that project opportunities will develop over time and throughout internship placements. Projects may include but are not limited to:

Research & Analysis – Design - Developing Presentations & Reports –Biochemical and Biomedical Projects – Commercial Feasibility projects - Creation of Promotional Materials – Competitor Screening - Office Administration

TRANSFERABLE SKILL SETS

It is essential to maximise every opportunity within the internship placements. If tasks and duties are approached in a professional manner, interns can take away additions skills and abilities that will be of benefit to their personal and professional development. Transferable skills sets include but are not limited to:

Good Oral & Written Communication Skills – Methodical Approach and Excellent Attention to Detail - Analytical Ability – Independent Work - Multi-Disciplinary Teamwork – Organisation – Research – Presentation – Problem Solving – Resource and Time Management – IT Skills