

MAYA DODHIA

Maya.dodhia@gmail.com

PROFILE

Passionate about circular economy and closing the gap on resource intensive practices. Also interested in CSR and ways to reduce plastic use and waste in everyday and industrial practices.

EDUCATION

09/2018 – PRESENT

MSc Climate Change

University of Copenhagen, Copenhagen, Denmark

Modules:

Climate Change, Impacts Adaptation and Mitigation; Climate Change and Water Resources; Motivation and Pro-environmental Behaviour; Field and Methods Course (Vietnam); Climate Change and Biodiversity; Toxicology and Ecotoxicology

Coursework/Projects:

- [Ongoing] Investigation into the acute toxicity of Phenanthrene in the presence of Prochloraz in *Chironomus riparius*. Lab and data-synthesis.
- Analysis of the 'Plastisphere' in Nha Phu Bay, Vietnam - Looking at micro-organisms and their contribution to potential plastic degradation of plastic pollution in marine and riverine environments. Field and data analysis.
- Behavioural theory and strategy analysis of a campaign by 'Wholifoods', a Danish company attempting to introduce entomophagy into the food market.
- Synthesis group report on the impacts of climate change on tropical coral reefs and current adaptation measures.

09/2014 – 08/2017

BSc Earth Science

Imperial College London, London, United Kingdom

Result: *Second Class Honours Upper Division (2:1) / GPA 3.30*

Modules:

Corporate Finance; Mathematics & Statistics; Climate & Biogeochemistry; Earth Resources; Mining Waste and Water Management; Environmental Geochemistry; Earth Systems; Remote Sensing and GIS; Programming (Python); Environmental Seminars;

Coursework/Projects:

- Carried out environmental geochemistry labwork looking at variations in water components and produced a publication-standard dissertation synthesising knowledge of Zinc in the Marine Environment (graded at First Class honours).
- Executed a temporal and spectral study of the Cabo de Gata Coastal Zone investigating changing land use patterns especially growth of 'Plasticulture'.
- Spent 30 days in the field collecting, evaluating and interpreting geological field data, producing several small independent geological field maps and cross sections.
- Generated a fair valuation of the S&P 500 Index using the Dividend Discount Model to assess Ryanair's fuel hedging strategy.

Activities and Societies:

Imperial College Union (ICU) Women's Squash; ICU Boxing Society; Leonardo Fine Art's Society; ICU Kenyan Society; Royal School of Mines Women's Hockey;

WORK EXPERIENCE

11/2018 – PRESENT

Co-founder and Events Coordinator

People Of 2050, Copenhagen, Denmark

- Developing, planning and organising informative events raising awareness about Climate Change and advances in climate science solutions.
- Manage practical organisation of event logistics and development of projects and direction whilst maintaining communication with potential speakers and publicising events.

12/2017 – 04/2018

Project Assistant

Jangli Organic farms, Kathmandu, Nepal

- Researched, developed and implemented a small scale vermiculture project to reduce costs to the farm whilst making it more self-sustaining.
- Connected with the local and expatriate community through farmers markets.

VOLUNTEERING

09/2018 – PRESENT

Bar Command and Bartender

Down Wonder, Copenhagen, Denmark

- Maintain customer satisfaction in fast paced, high pressure environments such as concerts and festivals, amid distractions and interruptions.
- Organise, plan, and execute monthly themed events.
- Developed strong communication and persuasion skills.

09/2015 – 06/2017

Vice President

Imperial College East African Society, London, United Kingdom

- Created a welcoming environment for foreign students from East Africa and provided mentorship and support.
- Increased membership by 25% over two years.
- Orchestrated events including joint events with Imperial societies and other London universities.
- Responsible for running the social media of the society.

INTERESTS

Mountaineering

- Attempt on Mt. Everest during AS Level year (2012) spending approximately 50 days on expedition with a team from around the world.
- Summited peaks including Island Peak (6139m), Lobuche East (6145m) Ramdung and Yalung Ri (Himalayas) and Mt. Kenya (4985m).
- Climbed Alpine routes, including setting a new route in the Chamonix region.

Sports

- Walk with Rangers Expedition - Trekked 275 km from the Tanzanian border to Nairobi through the African bush in order to raise awareness about elephant poaching and conservation.
- 1st XI Women's Hockey Team Goal Keeper (2012-2014) - Winners of the Kenyan international schools hockey league (2014).
- President's Award: Bronze, Silver and Gold (Duke of Edinburgh equivalent) - Group Leader and Navigator.

Art

- Preparing for a solo art exhibition with a wildlife conservation theme for 2020.

SKILLS

Technical skills:

Microsoft Office Suite, Python, LaTeX, R, Adobe Illustrator, Adobe Photoshop, Inkscape, ArcGIS, ER Mapper, Origin Pro

Languages:

English (Native), Spanish (Elementary), Gujarati (Limited), Kiswahili (Elementary)