

Roxanne Angela Pagdanganan Sicat

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Education

University of Cambridge - Fitzwilliam College (UK) - BA in Natural Sciences (Biological), 2.1 Class Degree (equivalent to 3.7 GPA) - Major in Plant Sciences, Minor in Evolutionary Genetics	Oct 2016 – Jun 2019
United World College of Southeast Asia, East Campus (Singapore) - 43/45 points in International Baccalaureate Diploma Programme - 7/7/6 points in HL Biology, Chemistry, Mathematics	Aug 2014 – Jun 2016

Work experience

MedGrocer (Philippines) Product Developer – Mental Health Division <ul style="list-style-type: none">Developing a mental health screening tool for corporate clients.	Nov 2023 - present
TSC.ai (Singapore) Intern <ul style="list-style-type: none">Designed the UX for an iOS and web application to streamline the UK Department for International Trade's provision of services to prospective UK exporters.Wire-framed the UX for an iOS application to help the Papua New Guinea national oil company improve accountability in land compensation payments using GIS.Organised and led seminars to train employees on how to use software design and video editing programmes.	Jun 2016 - Aug 2016

Leadership experience

Cambridge Global Food Security Seed Funding Competition <ul style="list-style-type: none">Won £4000 seed funding in a team of 8 to run a feasibility study on whether algal-based fertiliser production (https://www.biofsolutions.com/) can be implemented in a developing country (Ethiopia) context.	Apr 2019
Impact Through Innovation Cambridge External Project Director <ul style="list-style-type: none">ITIC was a student society that designed products to solve problems in international development.Connected with NGOs and non-profits to seek product commissions.	Jan 2017- Aug 2018

Research

Cambridge Conservation Initiative (UK) <ul style="list-style-type: none">Reviewed 20 research papers on the efficacy of the UN's Reducing Emissions from Deforestation and Forest Degradation (REDD+) initiative in facilitating atmospheric carbon capture.Quantitatively analysed emissions and corporate social responsibility indicators with R, and synthesised findings with wider academic and news literature.	Jul 2017 - Aug 2017
Smithsonian Tropical Research Institute (Panamá) <ul style="list-style-type: none">Established 10 experimental trials to assess whether <i>Heliconius</i> butterflies' memory of <i>Psiguria</i> flowers' location could be used to explain sequential flowering in <i>Psiguria</i>.Published in <i>Ecological Entomology</i> (https://doi.org/10.1111/een.12921).	July 2017 - Aug 2017

Volunteering

Metropolitan Waterworks Museum (USA) <ul style="list-style-type: none">As Museum Ambassador, guided visitors around museum and answered visitor questions about exhibits.	April 2023 – Sep 2023
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Skills

Computer: UX design, Project Management, Data analysis (Quantitative – R, and Qualitative); Microsoft Office – Word, Excel, Powerpoint.
Lab: Molecular Biology wet lab experience
Languages: Tagalog; Chinese (conversational)