HOPE TAMBALA

UX + DataViz Engineer

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githhub github.com/hopetambala

SKILLS

design

Sketch, Photoshop, Illustrator

development

Javascript, Ionic/Angular, D3
Python, Django/Flask, Plotly

research

International Development
Education
Chemical

ABOUT

Masters Candidate of UX Research, Design and App Development at the University of Michigan - Ann Arbor with over 4 years in international project implementation and management and 2 years in mobile application development

EDUCATION

M.S. in Information   2018-2020

University of Michigan - Ann Arbor

B.S. in Chemical Sciences   2011-2015

University of Michigan - Ann Arbor

EXPERIENCES

Co-Founder/Software Developer   2017-Present
Puente

Design and implement front-end, mobile, and back-end applications, administer database management services, coordinate an international team of English-only/Spanish-only speakers, and manage multiple, concurrent development projects

Application Developer Intern   2018
enFocus - Management Consultant

Learn Ionic/Angular and Parse-Server Development technologies, manage and make recommendations for the project approach, work with remote team members in an agile development team, and create documentation and other materials to support ongoing development activities with Github and Amazon Web Services S3

Peace Corps Volunteer   2015-2017
Dominican Republic

Managed the funding and construction of 16 latrines, monitor and present written reports regarding efficacy of community health initiatives using qualitative and quantitative assessment tools, teach nutrition courses to over 20 women resulting in reported healthier nutritional practices, train a group of 4 women's health promoters to increase community knowledge regarding latrine maintenance, and facilitate 2 youth programs designed to train youth in sexual and reproductive health

Physics Education Researcher   2013-2015
NSF Rebuild Initiative

Evaluate the undergraduate physics course observation recording tool COPUS (Classroom Observing Protocol in Undergraduate Sciences) to record student-teacher behaviors, design data analysis software in Python to perform statistical research analyses to examine data (PyMap)