

Jaydon Farao

Doctoral Student and Innovative Thinker

jaydon.farao11@gmail.com

+27 790429026

Cape Town, South Africa

I am a graduate from the University of Cape Town with a BSc(Mechatronics) degree and a MPhil in Health Innovation. I am a passionate learner whose philosophy is to learn something new every day. I have a fervour for the intersection of digital technologies and healthcare, with aspirations of entering the global health field.

EDUCATION

PhD in Health Innovation University of Cape Town

01/2020 – Present

Cape Town, South Africa

MPhil in Health Innovation University of Cape Town

01/2018 – 12/2019

Cape Town, South Africa

Courses

- Design thinking
- mHealth and telemedicine
- Health technology management
- ICT for development
- Thesis title: User-interface design and evaluation in a mobile application for detecting latent tuberculosis

BSc. in Mechatronics Engineering University of Cape Town

01/2014 – 12/2017

Cape Town, South Africa

Courses

- Engineering design
- Electric motor engineering
- Control systems engineering
- Physics for engineers
- Mathematics for engineers
- Thesis title - Applying multi-layer perceptron methods to hand gesture control in robotics

WORK EXPERIENCE

Class Facilitator Health Innovation and Design, UCT

02/2019 – 12/2019

Cape Town, South Africa

Achievements/Tasks

- I was a class facilitator of the Health Innovation & Design class. I was required to guide and lead the design thinking process with a group of Master's students.

Contact: Professor Tania Douglass – tania.douglas@gmail.com

Student Research Assistant Division of Biomedical Engineering, UCT

06/2018 – Present

Cape Town, South Africa

Achievements/Tasks

- I was responsible for preparing resources, planning site visits, presentations, and data collection for a TB-related study at the University of Cape Town.

Contact: Professor Tania Douglas – tania.douglas@gmail.com

SKILLS

Design thinking

Prototyping

Research writing

Adobe XD

Android studio

Interviewing

Teamwork

ACHIEVEMENTS

NRF Scarce Skills Doctoral Scholarship
(01/2020 – Present)

NRF Innovation Scholarship (01/2019 – 12/2019)

Allan Gray Fellow (01/2018 – Present)

Dean's List (2014 – 2015)

Golden Key International Honour Society (2014)

Allan Gray Scholar (01/2019 – 12/2013)

OUTREACH

Biomedical Engineering Outreach Day (2018 – 2019)

Facilitated a session with high school learners regarding what the MPhil in Health Innovation and MSc in Biomedical Engineering entails.

Siyaphambili (2013)

Co-led a group of grade 11 boys from Claremont High School through a series of sessions that involved self-development.

CERTIFICATES

Protecting Human Research Participants (2019)

Introduction to NVivo (2018)

LANGUAGES

English
Native or Bilingual Proficiency

Afrikaans
Native or Bilingual Proficiency

INTERESTS

Mobile health

Mental health

Innovation

User-centred design

Community-based projects

Writing

Social science and technology