

JAYDON FARAO

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SUMMARY

I am a graduate student from the University of Cape Town with a BSc(Mechatronics) degree, and a MPhil. in Health Innovation. I am currently a PhD researcher at UCT. 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. I am pursuing opportunities for growth in my career, as well as to develop skills in innovation and researching mobile healthcare technologies, especially for community-based care.

EXPERIENCE

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| 2020 - | Research Facilitator, <i>Computer Science</i>
I facilitate research activities of a cross-national collaboration project working towards developing digital health innovations to support maternal and child health in South Africa. This included conducting a scoping review, running co-design workshops, and writing reports and papers. |
| 2019 - 2020 | Class Facilitator, <i>Health Innovation & Design</i>
I was the class facilitator of the Health Innovation & Design courses at the University of Cape Town. I was required to guide and lead the design thinking process with a group of Master's students. |
| 2019 | Instructor for Digital Health, <i>Health Innovation & Design</i>
I was a visiting researcher at University College London in the UK for three weeks, where I trained research nurses on the use of a mobile health application. I presented the app, conducted the training session, and ensured correct usage by evaluating trainees in hospitals. |
| 2018 - 2019 | Student Research Assistant, <i>Division of Biomedical Engineering</i>
During my Master's research, I was responsible for preparing resources, planning site visits, and data collection for a TB-related study at the University of Cape Town. |
| 2018 - 2019 | Class Representative, <i>Health Innovation Class</i>
I am the current class representative of the MPhil Health Innovation class at the University of Cape Town. |
| 2018 | Snoopy! The Musical, <i>Lead Actor</i>
I was a member of the cast of Snoopy! The Musical which was produced by the Gilbert and Sullivan Society at the Artscape Theatre. I played the lead role of Snoopy. |

2017	<p>FLUX Business Challenge Competition, <i>Winning Team</i></p> <p>I was a member of the winning team for the annual FLUX Business Challenge 2017 held at UCT. Our winning idea was centred around the EduTech industry.</p>
2016 - 2017	<p>Smuts Hall, <i>Student Receptionist</i></p> <p>I was a student receptionist for 2 years</p> <p>My duties included administration work within the residence as well as serving as a first communication for students and any visitors to the residence.</p>
2016 - 2017	<p>Connoisseur Society Committee Member (Film and Literature Society at UCT), <i>Events Coordinator and Secretary</i></p> <p>I organized the venues for every event that the society hosted, which happened almost every fortnight during the semester.</p> <p>I took the minutes at meetings and distributed the information to the rest of the committee</p>

EDUCATION

2020 -	University – Ph.D. Health Innovation, <i>The University of Cape Town</i>
2018 - 2019	University – M.Phil. Health Innovation, <i>The University of Cape Town</i>
2014 - 2017	University - BSc.(Mechatronics) (with honours), <i>The University of Cape Town</i>
2009 - 2013	High School, <i>Bishops Diocesan College</i>

SKILLS

- Python programming – Intermediate proficiency. Used in my final year undergraduate thesis dealing with computer vision and machine learning.
- Project management knowledge.
- Design thinking methods.
- Research skills – reading, analysing, and interpreting technical literature.
- Interviewing and writing skills
- NVivo qualitative data analysis software – Completed the Introduction to NVivo course at UCT
- Adobe XD and prototyping – Intermediate proficiency.
- Usability testing
- Android studio app development – intermediate proficiency. Used in my master's project.
- Completed the "Protecting Human Research Participants" online training course.

AWARDS

2021	Best paper during the InterSol 2021 conference.
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2020	UCT Doctoral Package Scholarship
2020	NRF Scarce Skills Doctoral Scholarship
2019	Finalist in the Ahmed Kathrada Essay Writing Competition (2 nd Place)
2019	NRF Innovation Scholarship
2018 -	Allan Gray Fellow
2014 - 2017	Allan Gray Candidate Fellow
2014 - 2015	Dean's List
2014	Golden Key International Honour Society
2009 - 2013	Allan Gray Scholar

ACADEMIC OUTPUTS

2020	Conrad, N., Farao, J. (2020). Emergency remote teaching for design thinking in health innovation . <i>Global Health Innovation</i> , 3(2). DOI: https://doi.org/10.15641/ghi.v3i2.1021 . (Published on 26 October 2020).
2020	Farao J., Malila B., Conrad N., Mutsvangwa T., Rangaka M.X., Douglas T.S. 2020. A user-centred design framework for mHealth. <i>PLoS ONE</i> 15(8): e0237910. DOI: https://doi.org/10.1371/journal.pone.0237910 . (Published on 19 August 2020).
2020	Farao J., Burse M., Mthoko H., Densmore M. 2020. Stakeholder Relations and Ownership of a Community Wireless Network: The Case of iNethi. In: Thorn J., Gueye A., Hejnowicz A. (eds) <i>Innovations and Interdisciplinary Solutions for Underserved Areas</i> . InterSol 2020. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 321. Springer, Cham. DOI: https://doi.org/10.1007/978-3-030-51051-0_13 . (Published on 6 August 2020).
2020	Farao, J. 2020. Digital health communication in South Africa during COVID-19. <i>Global Health Innovation</i> , DOI: https://dx.doi.org/10.15641/ghi.v3i1.891 . (Published on 28 May 2020).

OUTREACH

2018 - 2019	Biomedical Engineering Outreach Day <ul style="list-style-type: none"> · Facilitated a session with high school learners regarding what the MPhil in Health Innovation and MSc in Biomedical Engineering entails. · Led a Q & A session with students on topics surrounding their future studies at UCT
2013	Siyaphambili <ul style="list-style-type: none"> · Co-facilitated a leadership and development programme.

- Led a group of grade 11 boys from Claremont High School through a series of sessions that involved self-development through goal-setting, leadership and time management.