

# JAYDON FARAO

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## SUMMARY

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I am a graduate 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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| 2019        | <b>Instructor for Digital Health, <i>Health Innovation &amp; Design</i></b><br><br>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. |
| 2019        | <b>Class Facilitator, <i>Health Innovation &amp; Design</i></b><br><br>I am the current class facilitator of the Health Innovation & Design courses at the University of Cape Town. I am required to guide and lead the design thinking process with a group of Master's students.  |
| 2018 - 2019 | <b>Student Research Assistant, <i>Division of Biomedical Engineering</i></b><br><br>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 -      | <b>Class Representative, <i>Health Innovation Class</i></b><br><br>I am the current class representative of the MPhil Health Innovation class at the University of Cape Town.   |
| 2018        | <b>Snoopy! The Musical, <i>Lead Actor</i></b><br><br>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        | <b>FLUX Business Challenge Competition, <i>Winning Team</i></b><br><br>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.  |
| 2017        | <b>Rent: The Musical, <i>Ensemble</i></b>   |

	I was a member of the South African production of <i>Rent: The Musical</i> produced by the Stephan Fourie Theatre Company.
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>The Fugard Theatre, <i>Usher</i></p> <p>I was an usher at the Fugard Theatre for 2 years.</p> <p>This involved making sure patrons of the theatre knew what was going on around the theatre and to assure that their experience was a comfortable one.</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>
2014	<p>Practical Engineering Course, <i>CPUT</i></p> <p>Completed a technical course held by CPUT involving welding, turning, pneumatics and CNC design.</p>

## EDUCATION

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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>
2011	High School, <i>St John's School Leatherhead (UK Exchange)</i>

## SKILLS

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- 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
- Completed the "Protecting Human Research Participants" online training course.

## AWARDS

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2020	NRF Scarce Skills Doctoral Scholarship
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
2013	Full Leadership and Academic Colours
2009 - 2013	Allan Gray Scholar

## ACADEMIC OUTPUTS

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2020	Farao, J. 2020. Digital health communication in South Africa during COVID-19. <i>Global Health Innovation</i> , DOI: <a href="https://dx.doi.org/10.15641/ghi.v3i1.891">https://dx.doi.org/10.15641/ghi.v3i1.891</a> . (Published on 28 May 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. <a href="https://doi.org/10.1007/978-3-030-51051-0_13">https://doi.org/10.1007/978-3-030-51051-0_13</a> . (Published on 6 August 2020).
2020	Farao J, Malila B, Conrad N, Mutsvangwa T, Rangaka MX, Douglas TS (2020) A user-centred design framework for mHealth. <i>PLoS ONE</i> 15(8): e0237910. <a href="https://doi.org/10.1371/journal.pone.0237910">https://doi.org/10.1371/journal.pone.0237910</a> . (Published on 19 August 2020).

## OUTREACH

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

Siyaphambili

- 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.