U N A T H I K . S K O S A N A

B A N G H O E K R D & B O S M A N S T , S T E L L E N B O S C H , S O U T H A F R I C A

(+ 2 7) 8 1 5 6 2 4 8 0 2   U K S K O S A N A @ G M A I L . C O M

EDUCATION

Stellenbosch University, Western Cape, South Africa   2016-Present

- Bachelor of Science degree in theoretical physics with interests in mathematics and computer science.
- Bachelor of Science Honours degree in theoretical physics
- Currently enrolled for a master's degree in theoretical physics

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PREPRINTS & PUBLICATIONS

Publications   2021-Present

- Unathi Skosana, and Mark Tame "Demonstration of Shor's factoring algorithm for N = 21 on IBM quantum processors". IN *Sci Rep* (Aug 2021). DOI: `https://doi.org/10.1038/s41598-021-95973-w` arXiv: `https://arxiv.org/abs/2103.13855`

Talks & posters   2019-Present

- Quantum Africa V
- WitsQ Summer School
- SAIP 2021

GRANTS & RECOGNITION

Grants   2017-Present

- Masters Research Grant, CSIR
- Merit Bursary, Stellenbosch University
- Undergraduate Fund, SKA Undergraduate Programmer

Awards   2016-Present

- Recognized for academic achievements in undergraduate, Department of physics, Stellenbosch University

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SKILLS

Software: GNU/Linux, Latex, Vim, Git
Machine Languages: Python, C, Bash, Go, Javascript
Human Languages: IsiNdebele (mother tongue) and English.