

# Jonas L. Kgomo

Software Engineer

☎ (+90) 553 322 0959 | ✉ jonaskgomo@gmail.com | 📱 jonas-kgomo | 🌐 jonas-kgomo

**Name:** Jonas Kgomo  
**Gender :** Male  
**Date of Birth:** 25 Dec 1992  
**Nationality:** South Africa



Passionate and enthusiastic about quantum computing • Algorithm and Software engineer • I have a strong teamwork and learning personality

## EDUCATION

### Istanbul University

Turkey, Istanbul

B.Sc Mathematics

GPA 3.23 / Sept. 2012 -2016

- During my undergraduate I took courses in Probability Theory Calculus
- Advanced Mathematics courses in Masters program, member of Istanbul Analysis Seminars

## EXPERIENCE

### VRFirst LAB : BAU

Istanbul

XR Developer

Aug. 2013 - Present

- Responsible for research and implementation of algorithms for optimum physics in immersive applications
- Developer and Resident Mentor for early stage projects
- Gamification of XR learning projects

### Iris AI

France

AI Ambassador

Feb. 2019

- Training the knowledge graph of AI used to collect academic articles, to help researchers find relevant articles
- R&D Science Assistant Building a precise reading list of research documents

### Quantum Researcher

Poland

Bohr Technology

Dec. 2018

- Researching quantum optimization algorithms  
(Travelling Salesman Problem) on Project Q (ETH Zurich) framework.

### Q Latvia

Poland

Mentor

Dec. 2018

- Three-day long quantum programming workshops in Eastern Europe and the Balkan states
- Presenting Jupyter notebooks using qiskit library

## PROJECTS

Awards

- **NUS** (Centre for Quantum Technologies), *Tribal Encounters*, Quantum Shorts Entry
- Oculus LaunchPad Award

## SKILLS

Languages

- **Programming:** Python, Q#, C#, React JS, Java, Javascript
- **Spoken:** English, Turkish, & Afrikaans

Tools

- **Tools:** quantum stack: QISKit Toolkit, Pyquil | data science stack: Jupyter Notebook, NumPy, Pandas | reality stack: ARcore, STEAMVR
- **Software:** Android, Wolfram Mathematica, Unity 3D & Unreal Engine