VEER GOSAI

STUDENT

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CONTACT

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📍 Johannesburg / Cape Town South Africa

EDUCATION

2024 - 2026
STELLENBOSCH UNIVERSITY

- Bsc Geoinformatics with Computer Science

2019 - 2023
FOURWAYS HIGH SCHOOL

- NQF 4
- Distinction In Infomation Technology

LANGUAGES

- English (Proficient)
- Afrikaans (Limited Proficiency)

CODING LANGUAGES

- Python
- HTML
- CSS
- JavaScript
- Delphi
- Pascal
- C++

SKILLS

- Programming
- Cybersecurity
- Web Development
- SEO

ABOUT

BSc Geoinformatics student at Stellenbosch University with a passion for cybersecurity. Skilled in problem-solving, critical thinking, and adapting to new challenges. Committed to leveraging technology to enhance security and efficiency.

WORK EXPERIENCE

Capitec Bank   DEC 2024 - JAN 2025
Forensics Monitoring and Operations (Internship)
www.capitecbank.co.za

- Monitored and analyzed patterns of financial fraud, including fraudulent banking activity using Graph Databases.
- Gained experience in anti-money laundering (AML) practices using banking systems and Memgraph.
- Learned about innovative cybersecurity solutions to mitigate emerging threats.
- Developed insights into credit fraud detection and prevention strategies.

GroundUp News   OCT 2024 - PRESENT
Cybersecurity and IT Consultant (Freelance)
www.groundup.org.za

- Writing Articles about Cybersecurity in Public and Private Companies
  - Investigating Mass SASSA SRD Fraud
  - Investigating RICA Fraud in South Africa
  - API Vulnerabilities
  - Investigating the Leak of the Matric Marks Database
- Building and Maintaining system in Django

Taptic (Pty) Ltd   NOV 2021 - PRESENT
Founder
www.taptic.org

- Develop online educational websites for students in Developing Countries in Africa
- Build, Maintain and Update the following websites
  - www.sapapers.co.za
  - www.rwandapapers.co.rw
  - www.zambiapapers.co.zm
- Oversee development and deployment of mobile apps on the Apple App Store and Google Play Store
- Expanding platforms to more countries

VULNERABILITIES IDENTIFIED

I have identified critical cybersecurity vulnerabilities across multiple government websites and private companies, contributing to improving IT security in South Africa. Due to the confidentially of many of these, I am unable to disclose most of these findings. One notable discovery I am able to declare is a vulnerability in the SASSA SRD Grant system. This finding led to the the discovery of mass fraud in the system among youth.

TECHNICAL EXPERTISE

- **Cybersecurity & IT:** Cyber Operations, Cyber Defense, Cybersecurity, Cyberlaw, IT Infrastructure, and Consulting experience, API Testing
  Cybersecurity Tools: Burp Suite, Postman, Wireshark, Nmap, Metasploit, Kali Linux, OpenVAS, Nessus, OSINT tools
  Programming & Development: Nodejs, JavaScript, Delphi, FireMonkey, Scratch, and expertise in Web Development and Wix Velo
  Creative & Digital Media: Video Editing, Audio Editing, Image Editing, Adobe Creative Cloud (Premiere Pro, Media Encoder), and Social Media
  Web & SEO: SEO, Google Analytics, Google Search Console, AdSense, and Web Hosting
  GIS & Geographic Analysis: Geographic Information Systems (GIS) knowledge and experience
  Education & STEM: Mathematics, Computer Science, and Physics
  Leadership & Entrepreneurship: Responsibilities at Taptic (Pty) Ltd, taking the tech startup from a single website to multiple countries, Senior Council in High School
  Writing & Communication: Creative Writing, Technical Writing, and Debating
  Design & UI: Graphical User Interface (GUI) design, Web Design, and Inkscape
  Office & Productivity Tools: Microsoft Excel, HTML, cPanel, and WiX Toolset

MY PUBLISHED ARTICLES

- **We discovered massive fraud in SASSA's grant system**
  https://groundup.org.za/article/we-discovered-flaws-massive-fraud-in-sassas-srd-system/
- **This mobile provider is failing to implement RICA law**
  https://groundup.org.za/article/this-mobile-provider-failing-to-implement-rica-law/
- **Education department investigates illegal sale of matric marks**
  https://groundup.org.za/article/education-department-investigating-illegal-sales-matric-marks/
- **Full List Of My Publications**
  https://veergosai.com/articles

MEDIA APPERANCES

- **Parliament Presentation (Portfolio Committee on Social Development, 23 October 2024)**
  https://www.youtube.com/live/hK-LFmxZ-dU
- **SABC News Interview (SASSA | "Fraud" uncovered in SRD grant)**
  https://www.youtube.com/watch?v=JdTkcQEPQNI
- **Newzroom Africa Interview (Stellenbosch students discover shocking ID misuse)**
  https://www.youtube.com/watch?v=f5Jp7a3-a3g

VOLUNTEERING

- **Wikimedia South Africa**   OCT 2022 - OCT 2024
  Board Member
  www.wmza.org
  - The running of activities and projects to keep our community of unpaid Wikipedia volunteer editors strong within South Africa. Serving the WMZA chapter connects the community with the global open knowledge movement.