VEER GOSAI
STUDENT
WWW.VEERGOSAI.COM

CONTACT

📞 +27 XX XXX XXXX

✉ veer@taptic.org

📍 Johannesburg / Cape Town
South Africa

EDUCATION

2024 - 2026 (Present)
STELLENBOSCH UNIVERSITY

- Bsc Geoinformatics with Computer Science
- Special Recognition Award for Ethical Leadership and Bravery from SU Department of Research and Innovation
- Societies: Debating (Treasurer), HSS (Treasurer)

2019 - 2023
FOURWAYS HIGH SCHOOL

- Distinction in IT
- Activities: Debating, Major Production, Senior Council

LANGUAGES

- English (Proficient)
- Afrikaans (Limited Proficiency)

CODING LANGUAGES

- Python
- HTML, CSS, JavaScript
- Delphi / Pascal

SKILLS

- Programming
- Cybersecurity
- Entrepreneurship
- 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

Purple Group Limited JUL 2025 - JUL 2025
Cybersecurity Analyst (Internship)
www.purplegroup.co.za
- Identify external security vulnerabilities with all EasyEquities platforms and services
- Analyse ways to improve the UI/UX of the platform

Reporting To: Nicola Comninos (CRO) and Paul Jansen van Vuuren (CTO)

Capitec Bank JUN 2025 - JUN 2025
Cybersecurity Analyst (Internship)
www.capitecbank.co.za
- Worked with the Red Team to explore and perform security testing on APIs, web applications, and internal systems to identify potential vulnerabilities.
- Observed Blue Team's realtime response strategies and how realtime threats are managed in a large banking environment.

Reporting To: Wessel Castelyn (Manager: Cyber Security)

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

Reporting To: Nathan Geffen (Chief Editor)

Taptic (Pty) Ltd NOV 2021 - PRESENT
Founder
www.taptic.org
- Develop online educational websites for students in Developing Countries in Africa used over 6 million times
- Build, Maintain and Update platforms for 7 countries
- Oversee development and deployment of mobile apps on the Apple App Store and Google Play Store

Founded in High School (Grade 10), registered in 2024

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.

Reporting To: Iain Orpen (Head: Fraud Prevention and Detection)

VULNERABILITIES IDENTIFIED

I have identified and reported critical cybersecurity vulnerabilities across multiple government, public and private companies, contributing to improving IT security in South Africa. Due to the confidentiality of many of these, I am unable to disclose most of these findings. Some of my notable discoveries include a vulnerability in the SASSA SRD Grant system. This finding led to the the discovery of mass fraud in the system among youth. Additionally, I ethically disclosed a cybersecurity vulnrabilities to 2 of South Africas big 5 banks

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
- **Meet Joel and Veer – duo behind the SASSA fraud exposure**
  https://www.sun.ac.za/english/Lists/news/DispForm.aspx?ID=11031
- **Good news about security flaw that exposed people's financial information in South Africa**
  https://mybroadband.co.za/news/security/597276-good-news-about-security-flaw-that-exposed-peoples-financial-information-in-south-africa.html
- **Mail & Guardian Young 200 South Africans Editors Choice**
  https://mg.co.za/200youngsouthafricans/2025/veer-bishen-gosai/

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.

University Of Stellenbosch Debating Society   MAR 2025 - PRESENT

Treasurer

www.usdv.co.za

- Oversaw financial management while promoting debating, public speaking, and critical thinking among members.

Stellenbosch Univerity Hindu Student Society   AUG 2025 - PRESENT

Treasurer

www.suhss.co.za

- Supported the society through event coordination, community outreach, and fostering cultural understanding.