Boitumelo Rapoo

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[GitHub Portfolio](#) | [LinkedIn](#)

Professional Summary

Final-year BSc Computer Science student at Wits with a strong foundation in full-stack development. Experienced in collaborative software development, problem-solving and leadership through academic societies.

Technical Skills

- **Languages:** Java, Python, JavaScript, C, C++, PHP, SQL, HTML & CSS

- **Frameworks/Tools:** NodeJS, Git & GitHub, TailwindCSS, Android Studio, Adobe Creative Suite, Azure

- **Concepts:** Full-stack Development, Reinforcement Learning, Mobile Computing, Database Design

- **Soft Skills:** Leadership, Collaboration, Problem Solving, Adaptability, Communication, Analytical Thinking

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Education

Bachelor of Science in Computer Science & Computational Applications
University of the Witwatersrand | Final Year (2025)
Relevant Coursework including but not limited to Machine Learning, Operating Systems, Parallel Computing, Software Design, Mobile Computing(Java App Development), Database Fundamentals (MySQL), Data Structures & Algorithms, Computer Networking

Certification: Microsoft Azure Fundamentals – Microsoft Learn Club @WITS *and* Introduction to Cyber Security by IBM SkillsBuild

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Projects

Qwik — *Personal Project (Ongoing 2025)*
Cue card generator for high school learners using NSC past papers, with timing features to build exam speed.

LanceAI — *Final-Year Group Project (2025)*
Freelancer platform aimed at tackling unemployment by connecting vetted workers with job opportunities.

KuduPark — *Team Project (2024)*
Developed a parking management app to reduce congestion at Wits by enabling parking slot reservations.

Experience

Java Developer Intern — *CodSoft (February to March 2025)*
Solved five advanced software challenges and earned certification. Focused on Java-based problem solving.

AI Data Trainer (Remote) — *Outlier AI, USA (October 2024 – Present)*
Enhanced AI's ability to solve mathematical and Java programming problems via prompt engineering and evaluation as part of the Kepler Project.

Mathematics Tutor — *Black Child Tutoring Services (2023)*
Facilitated engaging math lessons for Grades 10–12. Achieved a 95% pass rate with an 85% satisfaction score.

Graphic Designer — *Freelance / Promaths Alumni Society (2022 – Present)*
Created promotional visuals using Adobe Suite for academic societies and events.

Founder — *Thrift Eazier (2019 – Present)*
Launched and manage a sustainable online thrift store on Instagram, focusing on eco-conscious fashion and customer engagement.

Leadership & Awards

Deputy Chairperson — *Promaths Alumni Society, WITS (2024/25)*
Leading a committee serving the largest student society at Wits. Actively organise community-driven events and mentorship programs.

Runner-Up — *Derivco Hackathon, WITS (2024)*
Developed an AWS-based app addressing youth unemployment. Recognised for collaboration and innovation.

Golden Key Honour Society — *University of the Witwatersrand (2023)*
Nominated for academic excellence and leadership potential.

Top Learner Grade 12 — *Emadwaleni Secondary School (2021)*
Awarded first position for being the Top Learner in the school

Summary

I'm consistently growing beyond coursework and currently learning React and C#. I am actively building JavaScript projects that live (and evolve) on GitHub. I'm passionate about clean code, constant learning, and crafting solutions that are as smart as they are scalable.