

Boitumelo Rapoo

Johannesburg, Gauteng | 069 265 8220 | rapooboitumelo2@gmail.com

[My Website](#) | [LinkedIn](#) | [Github Repos](#)

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.

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

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
-

Projects

Qwik — *Personal Project (Ongoing 2025)*

Cue card generator for high school learners using NSC past papers, with timing features to build exam speed.

Lance AI — *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 Dev Competition— *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.

Treasurer — *School of Computer Science, WITS (2025)*

Managed the society's budget, tracked expenses, and ensured financial accountability for events and initiatives.

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.