

# Boitumelo Rapoo

Johannesburg, Gauteng | 069 265 8220 | [rapooboitumelo2@gmail.com](mailto:rapooboitumelo2@gmail.com)

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## 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.

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## 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.

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## 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.

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## 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

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## 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.