Oratile Rapoo

I am a disciplined and ambitious graduate with a BSc in Computer Science and Business Computing from the University of Cape Town.
Proficient in Java, Python, SQL, Flask web development , Solidity, TypeScript. Skilled in network programming, data structures, algorithm design, and concurrent programming. Experienced in front desk management, tutoring, and personal assistance. Passionate about software development, blockchain , finance and new technologies. Strong communication and problem-solving skills. Active member of the Developers Society at University of Cape Town.

Contact

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190

Education

2020 - 2023
Bsc Computer Science and business Computing
University Of Cape Town
Graduate

Skills

- JAVA AND PYTHON (OOP)
- DATA STRUCTURES AND ALGORITHMS
- SQL AND RELATIONAL DATABASES
- Flask web development
- COMPUTER NETWORKS(TCP/IP)
- OPERATING SYSTEMS
- Basic Android App Development with Kotlin
- Typescript
- Node JS npm
- HTML/CSS3/JAVASCRIPT
- Parallel programming
- Project management (SCRUM)

Professional links

Github: https://github.com/lumese46
linkden: https://www.linkedin.com/in/oratile-rapoo-27b91419b/

Experience

JANUARY 2023 – NOVEMBER 2023
University of Cape Town

Student Front desk asistant

- I worked as an SFDA my responsibilities include management of administrative duties and access control within the residence system
- Carrying out tasks associated with the effective monitoring of reception areas
- Assisting with a host of routine tasks associated with the effective administration and front house service at a residence level and the well-being of students.

FEBRUARY 2023 – OCTOBER 2023
University of Cape Town

COMPUTER SCIENCE TUTOR

- I worked as a tutor for the UCT computer science department my responsibilities include invigilating and marking of assessments, providing guidance on best practices and suggesting improvements on assignments/code, explaining technical concepts in a clear and concise manner when answering student questions
- From this role I have learned patience and communication.

NOVEMBER 2022 – JANUARY 2023

IBR HOLDINGS
PERSONAL ASSISTANT

- I worked as a personal assistant for one of the directors at IBR Rustenburg for the vac period, my job included sitting in meetings, research and reporting, receiving packages, document filing and writing emails.

Technical Projects

- Web-based Graphical editor For agent-based models , https://github.com/lumese46/AGE-AMB2
- Network Application, https://github.com/lumese46/clientServerAssignment
- DATA STRUCTURES: Simulation of very cheap taxi service(QnQ), https://github.com/lumese46/Simulation-of-very-cheap-taxi-services
- TYPING TUTOR GAME, https://github.com/lumese46/TYPING-TUTOR-GAME
- Parallel Programing :2D Median and Mean Filter for Image, https://github.com/lumese46/2D-Median-and-Mean-Filter-for-Image
- Alphabet Android App, https://github.com/lumese46/LetterBook

Reference

- **IBR Director: Itumeleng,**
- **+27 78 243 9427**
- **+27 68 570 8503**

- **UCT Residence Facilities Assistant:**
  Ms Helena George
- **021 650 3934/5**
- **067 1149 394**
- **063 8093 344**