

GABRIEL SHODERU

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I am a Masters candidate in Computer Science seeking to leverage my academic background and knowledge in software engineering. Eager to embark on a dynamic career, I am enthusiastic about contributing to innovative projects and further developing my skills in full stack development. My goal is to gain valuable work experience while enhancing my interpersonal skills, with a keen focus on achieving professional growth and making meaningful contributions to the field.

EXPERIENCE

August 2024 - now

Software Developer Intern, CONSNET

2022 - July 2023

TUTOR, UNIVERSITY OF PRETORIA

Program design: Introduction (Object Oriented Programming)

- Guided students in mastering core Object-Oriented Programming principles, fostering a deep understanding of concepts such as inheritance, polymorphism, and memory management.
- Mentored students, resulting in their continued success and achievement in their respective fields of study.

2021 - 2022

IT LAB ASSISTANT, UNIVERSITY OF PRETORIA

I worked as an IT Lab assistant at the Mamelodi campus of the University of Pretoria.

- Ensured optimal system functionality by conducting routine hardware checks and configuring software applications for campus events.
- Monitored and supervised student activities in computer labs, enforcing protocols and efficiently managing student queries, both remotely and in person.

2020

TUTOR, UNIVERSITY OF PRETORIA

Imperative Programming

- Illustrated the complete program development process, from problem-solving to editing, compiling, running, and debugging.
- Demonstrated the integration of programming language elements, covering types, control structures, arrays, functions, and libraries.
- Contributed to team-based grading of practical and tutorial sessions, providing valuable insights while supervising students for an effective learning environment.

2018

JCP PROJECT, UNIVERSITY OF PRETORIA

Community-based project (Volunteer)

- Participated in systematic collection, storage, retrieval and use of academic books.
- Managed and organized access of information.

EDUCATION

Current Engagement

MSc Candidate in Computer Science, University of Pretoria

Recent Degree

BSc Honours in Computer Science with Distinction, University of Pretoria (**2023**)

Previous Engagement and Degree

Software Engineering, University of Pretoria (**2022**)

Bachelor of Information Science in Multimedia, University of Pretoria (**2021**)

Secondary Education

National Senior Certificate, Pretoria Institute of Learning (**2015**)

- Top Learner in Mathematics, Physical Science, Life Science, Computer Application Technology and Geography.
- Award in recognition of being the Head Boy.

PROFESSIONAL CERTIFICATIONS

AWS Solutions Architect Associate

Student member

AWS CLOUD PRACTITIONER

[Completed](#)

ALX-T FULL STACK DEVELOPER NANODEGREE PROGRAM

[Completed](#)

JAVA ASSOCIATE

Student member

SKILLS

Programming Languages: Proficient in Angular, Assembly, C++, HTML, CSS, Java, JavaScript, Nestjs, PHP, Jupyter Lab, Python, React, TypeScript.

Database Management: MySQL, PostgreSQL

Operating Systems: Ubuntu, Windows

Time Management: Utilize advanced time blocking techniques to enhance productivity in programming and project management.

Communication and Interpersonal Skills: Known for efficient communication, strong leadership abilities, and adept problem-solving.

HOBBIES

Soccer, Music (Whether discovering new genres or enjoying timeless classics, music serves as a constant source of inspiration and relaxation in my life), **Gaming** (I find immense enjoyment in online multiplayer gaming, with PUBG being a go-to choose for its dynamic and competitive nature. Additionally, I indulge in strategic thinking and friendly competition through classic games like Monopoly, adding a fun and social dimension to my leisure time.)

REFERENCES

Mrs Seani Rananga
(Past Lecturer)
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(Academic Supervisor)
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