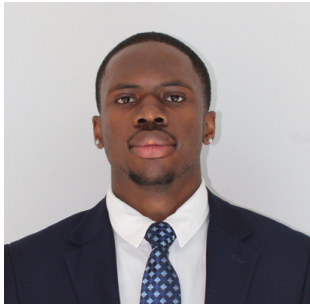




DATEH AMBE

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OBJECTIVE

Aspiring Full-Stack/Backend Developer currently pursuing a BCom in Information Systems and Mathematical Statistics at UWC. Seeking an internship opportunity to apply and expand my technical skills, especially in database and application development, while contributing to real-world projects and solving meaningful problems through technology.

EXPERIENCE

Software Developer & Consultant - dateh.store (Registered Business) Oct 2025 - Present

- Designed, developed, and maintained custom management systems and commercial websites for a diverse range of clients under my registered business.

IT Tutor - Independent Examination Board (IEB) Candidates Freelance Jan 2024 - Present

- Tutor high school learners in Information Technology, focusing on exam preparation for the IEB curriculum.
- Simplified complex programming concepts and supported learners with practical problem-solving in Java and theory components.

Event Coordinator (Student Leadership Team) - Southdown's College High School Oct 2022-2023

- Assisted in planning and executing various school events, including the annual "Deputea" fundraiser.
- Managed logistics, liaised with vendors, and ensured smooth coordination of event day activities.
- Helped raise funds and promote school spirit through well-executed student-led initiatives.

EDUCATION

Bachelor of Commerce (BCom) in Information Systems Feb 2024-2026

University of the Western Cape

- Elective: Mathematical Statistics
- Core Coursework: Software Development, Database Design, Business Analysis, and Systems Thinking.
- Covered Probability Theory, Discrete and Continuous Probability Distributions, Moments, Moment Generating Functions, and Multivariate Probability Distributions. Developed practical skills in data analysis using SAS and MS Excel
- Covered Point and Interval Estimation, Hypothesis Testing, Simple Linear Regression, Analysis of Variance (ANOVA), and Categorical Data Analysis. Practical application focused on SAS software

National Senior Certificate (IEB)Southdown's College Graduated 2023

- Deputy Head boy (2023)
- Subjects included Information Technology, Mathematics, and Computer Application Technology
- Actively involved in student leadership and school event coordination

TECHNICAL PROJECTS

HPC Booking & Management System Production System

- A production-ready, full-stack system handling real-time inventory, user roles, and scheduling algorithms for the UWC High-Performance Centre (HPC) gym.
- Demonstrates expertise in building scalable, secure backend architecture.

Oracle APEX Business Intelligence Dashboard (IFS 244)

- Developed a comprehensive Business Intelligence dashboard for a simulated business, achieving an academic mark of 81%.
- Utilised PL/SQL and Oracle SQL to implement queries for a wide range of dashboards, including Sales Performance, Inventory Management, Customer Analysis, and Predictive Analytics.

Easy Cuts – Full-Stack Barbershop Management System

- Developed a comprehensive digital system replacing manual scheduling with smart slot generation, walk-in queue logic, and transactional email confirmation.
- Designed as a commercial-ready model for barbershops.

Music Festival Management System (FestivalPassV1)

- Focuses on advanced database design (normalization, complex querying) and implementation of business rules for scheduling and resource allocation.
- Achieved an academic mark of 86%

For a complete, in-depth view of all commercial, academic, and personal projects, please visit my online portfolio: dateh.dev

SKILLS AND CAPABILITIES

Backend & Core

Java (OOP), Springboot, Python and Systems Architecture

Web & Frontend

HTML, CSS, JavaScript(JS), Tailwind CSS

Tools & Platforms

Oracle Apex, IntelliJ, Pycharm, Git/Github, Microsoft Office Suite

Database & Query

Oracle SQL, PL/SQL, MySQL, PostgreSQL, Microsoft Access and Database Design

Soft Skills

Strong communicator, organised, team-oriented, adaptable, and analytical thinker

Languages

Fluent in English and siSwati

ACHIEVEMENTS

Academic

- Achieved distinctions in key Information Systems modules:
- IFS 244 (PL/SQL and Oracle APEX)
- IFS 242 (Databases)
- IFS 233 (Project Management Life Cycle)
- Achieved distinctions in Information Technology and Computer Applications Technology (IEB).
- Currently excelling in BCom Information Systems.

Sport

- Currently competing in athletics for the University of the Western Cape.
- Represented Athletics Gauteng North in track & field.
- Represented Limpopo in provincial soccer.