DIYAANA JADWAT

Bachelor of Science - Information and Knowledge Systems (Data Science)

Energetic, inquisitive, intelligent and a resourceful problem solver

Mobile: 081 468 9286 | Email: diyaanajadwat1@gmail.com
LinkedIn Profile: https://www.linkedin.com/in/diyaana-jadwat-984649340/
GitHub Profile: https://github.com/diyjadwat

PROFESSIONAL PROFILE

A final year computer science student specialising in Information and Knowledge Systems, with a passion for data science, machine learning and exploring diverse technologies. Proactive, innovative-minded with a natural aptitude for communicating data-driven solutions using a combination of technical expertise and creative thinking.I am eager to further my academic journey by pursuing Honours in Computer Science, deepening my knowledge and refining my skills through research and practical application. Beyond my technical capabilities, I find great fulfillment in creative pursuits, mentoring others, and contributing positively through community-based initiatives.

KEY COMPETENCIES AND SKILLS

▪ **Adaptability** - exposure to various industries and unique work cultures in fields like tech, fashion and events.
▪ **Analytical Thinking** - strong foundation and interest in data science and AI problem-solving.
▪ **Communication** - skilled in articulating and presenting technical jargon for diverse audiences.
▪ **Courageous** - never afraid of thinking and doing things differently.
▪ **Creative Thinking** - all-rounded with a background in dress design and public speaking.
▪ **Curiosity** - eager to learn and master new tech and courses outside the classroom.
▪ **Energetic** - proactive and actively seek solutions to problems.
▪ **Leadership** - experience as a mentor for multiple student initiatives.
▪ **Problem solving** - comfortable navigating uncertainty and finding creative, effective solutions.
▪ **Resilient** - when it comes to a problem, I am persistent and try different approaches to solve it.
▪ **Teamwork** - effective team player on various university, community and personal projects.

COMPUTER SKILLS

● **Programming:** C++, Java, Python (Pandas, NumPy, Scikit-learn, TensorFlow etc.)
● **Statistical Tools:** R, SAS
● **Web & Software Development:** HTML, CSS, Tailwind, Bootstrap, JavaScript, ReactJS, Angular, NodeJS, NextJS
● **Databases:** SQL, MySQL, MariaDB
● **Design & Documentation:** Figma, Visual Paradigm, LaTeX
● **Version Control & Dev Tools:** Git, GitHub, Docker
● **Languages:** English (proficient), Afrikaans (basic)

WORK EXPERIENCE

Freelance Software Developer | Self-employed (2025 - Present)

● Collaborated in a team of 4 to design, develop and launch full-stack cross-platform applications for personal and client-facing projects.
● Collaborating on new group-led side projects that combine creative problem-solving with practical tech solutions.

Key takeaway: Built experience working in a team environment outside university, while pursuing projects based on personal interest with like-minded developers.

Joint Community Engagement Junior Mentor | University of Pretoria (2025 - Present)

● Led 50 students through the program.
● Underwent formal training on mentorship, leadership, conflict management and team building skills.
● Led interactive sessions with mentees, guiding engaging discussions and debates, and encouraging effective communication.

Key takeaway: Gained confidence in leadership, facilitation, and empathy-driven engagement.

Brand Ambassador | Bravado, SAS Promotions, RAMP Models, etc. (2022 - Present)

- Conducted brand activations and product demonstrations.
- Handled event registration and engaged with the public.
- Represented major companies including **Hisense**, **SA20s Cricket**, **McCain**, **Discovery**, and **947**

Key takeaway: Improved interpersonal skills, emotional EQ, adaptability, public communication and allowed me to connect with all kinds of people.

Operations Manager | Park & Ride (2022 - 2025)

- Managed teams of people for facilitating transport to large events.
- Coordinated communication with the Johannesburg Metropolitan Police, Johannesburg City Council and Metro Bus for event logistics.

Key takeaway: Gained resilience from working long hours under pressure and maintaining calm leadership.

Private Primary School Tutor | Self-employed (2022)

- Provided academic assistance for a grade 6 pupil in all subjects.

Key takeaway: Reinforced instructional skills and one-on-one mentoring ability.

UNIVERSITY AND PERSONAL PROJECTS

Pass & Prosper (ongoing)

- Working in a team of 4 to redesign and expand the functionality of a client's student tutoring website.

StockFellow (ongoing)

- Part of a 5-member team building an automated and secure stokvel management platform.
- Role: Full-Stack Developer

Safe-It Database Solutions (2025)

- Part of a 12-person team building a database system.
- Roles: Integration Engineer, Designer, and UI Developer.

City Simulator (2024)

- Worked as part of a team of 5 developing a city management simulation using design patterns.

Shibui Homes (2024)

- Developed and launched a functional property listings website.

VOLUNTEERING EXPERIENCE

WOKE Wellbeing Committee Member | House Mags, University of Pretoria (2024 - Present)

- Completed formal training on mental health awareness.
- Facilitated group discussions and events on student wellbeing, life skills and navigating their personal and university life.
- Act as a mentor to ladies by providing emotional support and fostering an inclusive environment.

Reach Out and Give Committee (2023 - Present)

- University-based social upliftment initiatives.

Lifting Dreams Group (2023 - Present)

- Tutored underprivileged learners in academic subjects (Grade R - 10).

Pretoria Muslim Trust College Revitalization Project (2024)

- Transforming an old storage classroom into a reading room space in a media centre. [Video](#)
- Managed sponsor sourcing, budgets and logistics.
- Received recognition for being one of the top 20 projects for 2024.

Randpark Ridge Islamic Foundation (2019 - Present)

- Community and faith-based outreach and education.

F.E.E.D Group (2017 - Present)

- Community and faith-based outreach and education.

EDUCATION

2023 - Present:	**Bachelor of Science (Information and Knowledge Systems)** | University of Pretoria **Elective Focus:** Data Science

Awards and Bursaries
- **HCLTech Bursary** (2025) - awarded for academic merit & technical potential.
- **Umsimbithi Mining Bursary** (2023) - awarded for academic performance.
- **Fly@UP Discount** (2023) - based on matric results

Societies: Muslim Students Association, Palestinian Solidarity Committee

2022:	**Italian Dress-making School** | Rindy's Creations Dress Design, Pattern Drafting, and Sewing

2021: **National Senior Certificate** | Rand Park High School
- Distinctions: English Home Language (85), Business Studies (86), Life Orientation (93), Life Sciences (77)
- Other completed subjects: Afrikaans First Additional Language (72), Mathematics (70), Physical Sciences (66)

Awards:
- Half colours in Academics (2020, 2021)
- Half colours in Public Speaking (2020)

PASSIONS | INTERESTS

Exploring the intersection of tech and creativity, especially in AI and design. Passionate about education, social impact, faith-based leadership, public speaking, and sewing.

REFERENCES

Available upon request.