Tinashe Ndawe

Software Engineer (Internship)

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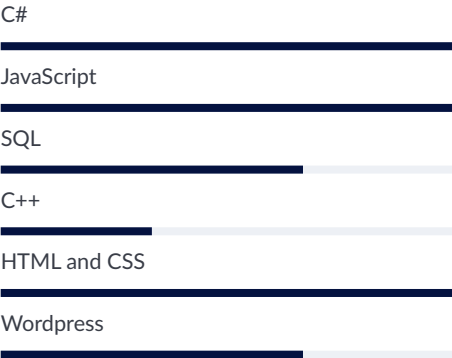
Germiston, South Africa 🏠

Professional Summary

Aspiring Software Engineer , currently a 3rd year student at Belgium Campus ITveristy with passions for developing innovative solutions and tackling complex technical challenges. Seeking an internship opportunity to apply and further develop my skills in software development, algorithm design, and problem-solving. Eager to contribute my enthusiasm for technology and commitment to excellence to a dynamic team, while gaining valuable real-world experience in the field of software engineering.

Skills

- Programming
- Communication Skills
- Ability to work in a team
- Ability to Work Under Pressure
- Ability to Multitask
- Adavance Analytical Thinking Skill
- Team leadership
- Critical thinking and problem solving

Techinal Skills

C#

JavaScript

SQL

C++

HTML and CSS

Wordpress

Projects

2023 - 2023
2 Months

UI Designer | Pretoria

- Designed the UI in Wordpress
- Made the website mobile responsive

Thimna Interior

2024 - 2024
1 Months

Encryption Desktop Apk | C# .Net

Windows Forms using the AES algorithm for text encryption and decryption. The program generates a 256-bit encryption key and a 128-bit initialization vector for plaintext input into a TextBox. The resulting ciphertext is encrypted using the AES algorithm, and displayed in the output TextBox. The program also decrypts the ciphertext, ensuring consistency. The application manages key and iv variables at the class level, ensuring their persistence across encryption and decryption operations.

2024

Quote Generator | Javascript

The Axios library was utilized in a JavaScript program to retrieve motivational quotes from a RapidAPI API. The program facilitated HTTP requests, utilizing Axios for POST, and ensured robust error handling for reliability.

2021 - 2022
1 Years

Game Dev | Web based game

- Worked on a endless racer game on CSS Canvas and Javascript

2023 - 2023
1 Months

Student Information Management System | C# Windows Form Application

Developed as part of a group project, the Student Information Management System aimed to streamline data capture and management processes at Belgium Campus. Leveraging Multi-Layered Architecture, the system ensured robustness and scalability. With a focus on user authentication and data integrity, I designed and implemented the Business Logic Layer, orchestrating CRUD operations seamlessly. Through meticulous planning and collaboration, we met milestone deadlines, earning commendable marks for our detailed documentation and a fully functional prototype. Our solution utilized SQL Server for data storage, ADO.Net for efficient data access, and Microsoft Visual Studio for development. My role encompassed not only technical contributions but also proactive problem-solving and effective communication within the team. The successful delivery of this project underscored my ability to translate client requirements into tangible software solutions while adhering to strict deadlines.

Courses

C#, Sololearn.com

05/2018

JavaScript, Sololearn.com

09/2018

HTML5, Sololearn

09/2018

SQL, Sololearn.com

09/2018

Cybersecurity Essentials, Cisco

12/2021

Javascript, Cisco

Present

Links

Linkedin

Sololearn

Github

Hobbies

Hobbies and Interests:

- Skateboarding: Enjoy mastering tricks and techniques, fostering balance, coordination, and perseverance.
- Programming and Game Development: Passionate about coding and creating immersive digital experiences; proficient in languages such as [C#,Javascript, Unity].
- Gaming: Engage in gaming as a form of relaxation and inspiration, exploring various genres and platforms.
- Cybersecurity Enthusiast: Stay abreast of cybersecurity developments and best practices, enhancing understanding of digital safety and risk mitigation strategies.

Education

2017 - 2018
1 Years

Institute Status Acres | Germiston

- Attended Olympiads for Natural Science, Technology, EMS and Mathematics
- Was part of a team that finished 3rd in District level Olympiads

2019 - 2021
2 Years

Germiston High School | Germiston

- Matriculated 2021

2020 - 2021
1 Years

Dimension Data Saturday School | Johannesburg

- Obtained a Cisco Cybersecurity Essentials course with 100%
- Currently a Dimension Data Bursary Holder

2022 - Present
Present

Belgium Campus ITversity | Pretoria

- Bachelor of Computing majoring in Software Engineering
- Part of the Cybersecurity and E-sports club
- Expected graduation May 2026

References

Shakes Makgalemane
Dimension Data

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