

# Chay Wilson

## Software Engineer

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Johannesburg, GP

[Github](#)

*Highly-driven computer science student with growing knowledge in C#, SQL, Python and JavaScript seeking a software engineering internship. As a computer science student, I am ready to contribute my passion and skills to help drive innovation.*

## WORK EXPERIENCE

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### Top Tennis Academy - Assistant Tennis Coach

January 2020 - current

Johannesburg, GP

- Leveraged analytical skills to develop customized training programs and strategies, improving team performance.
- Fostered a collaborative team environment, enhancing communication and teamwork skills.
- Demonstrated adaptability and a commitment to continuous learning by staying abreast of the latest coaching techniques.
- Mentored young athletes, developing their skills and confidence.

### International Project with Penn State - Electro Group

February 2024 - current

Pretoria, GP

- Designed Arduino sensor integration for monitoring hydroponics parameters, facilitating precise environment control.
- Leveraged Node-RED for creating a user-friendly dashboard, significantly improving real-time data visibility and system responsiveness.
- Fostered effective communication and problem-solving within a diverse, international team, enhancing the project's success and demonstrating strong cross-cultural teamwork and project management skills.

## PROJECTS

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### Spotify Playlist Creator - [Link](#)

2022 - 2022

- Real-time search functionality for songs, artists, and albums.
- Drag-and-drop playlist management.
- Responsive UI for all devices.
- **Tech Stack:** React.js, HTML5, CSS3, Spotify Web API, Git, npm.

### Fridge to Recipe Searcher - [Link](#)

2022 - 2023

- Ingredient-based recipe search functionality.
- User-friendly interface with responsive design.
- Light/dark mode toggle for user preference accommodation.
- **Tech Stack:** React.js, HTML5, CSS3, Edamam API, Git.

## EDUCATION

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### Belgium Campus ITversity - B.S., Computing

February 2022 - current

Pretoria, GP

## SKILLS

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- C#
- SQL
- JavaScript (React.JS)
- Python
- Git
- Visual Studio/Code