

# Frederich de Koker

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<https://dekokerfw.com/>

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## Education

**Siena College**, Loudonville, New York

May 2025

Bachelor of Science in Computer Science (Software Engineering Track) **3.57 GPA**

**Uplands College**, White River, Mpumalanga

December 2020

IEB Senior Certificate

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## Technical skills

**Programming Languages:** Java, JavaScript, React, Swift, C/C++, Python

**Frameworks and tools:** React Native, SwiftUI, Firebase, Agile, GitHub

**Databases:** MySQL, SQLite, NoSQL, Firestore

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## Projects

**Personal Portfolio Website** <https://github.com/Frederichdk/portfolio>

- Built a responsive personal website using HTML, CSS, and JavaScript to showcase projects and resume
- Focused on modern UI/UX design with interactive elements like a project carousel and sticky reveal footer

**Continuation of Rep Counter** <https://github.com/Rory3140/workout-tracker>

- Developing a Swift mobile app that tracks workouts and progress
- Focused on UI/UX improvements, fitness tracking logic, and data visualization

**Rep Counter Mobile App** <https://github.com/Frederichdk/rep-counter>

- Built a React Native fitness app with Firebase authentication & Firestore database
- Deployable on iOS and Android, enhancing workout tracking efficiency

**HTMLGame WebApp** <https://github.com/Frederichdk/HTMLGame>

- HTML, CSS, and JS used to create a fun quick game
  - Demonstrates my knowledge of Web Development through a Web App Prompt game
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## Experience

*DrinkSity App - Senior Project*, **Siena College**, Loudonville, NY

August 2024 - May 2025

- Developed a Swift app for a client using Agile methodologies, including sprints and iterative development
- Collaborating in a team-based environment, focusing on UI/UX, back-end integration, and client-driven enhancements

*Community Assistant*, **Siena College**, Loudonville, NY

August 2023 - May 2024

- Enhanced leadership skills, led various responsibilities within the residential community
- Strengthened communication demonstrates interpersonal communication as a liaison between staff and residents

*President's Award Gold*, **Uplands College**, White River, South Africa

January 2019 - December 2019

- Showed dedication to serving others and the community through regular community service
- Illustrated the drive to achieve highly by obtaining the **Duke of Edinburgh's International Award** in South Africa

*International Student Leadership Symposium*, **Uplands College**, White River

March 2019 - April 2019

- Displayed a strong desire to become a better leader and openness to learn from others
- Matured communication skills as a South African representative discussing important global matters with other international students

## Sport

*Division 1 Men's Rugby*, **Siena College**, Loudonville, NY

August 2021 - May 2025

- Performed at a top level winning a National Championship
- Strengthened teamwork, strategy, and leadership on and off the field

*Athlete Captain*, **Hockey, Rugby, Swimming**, White River, South Africa

January 2020 - December 2020

- Adapted leadership styles to different sports and team dynamics