

Frederich de Koker

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Education

Siena College, Loudonville, New York

Expected May 2025

Bachelor of Science in Computer Science (Software Engineering Track) **3.44 GPA**

Uplands College, White River, Mpumalanga

December 2020

IEB Senior Certificate

Technical skills

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

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

Databases: MySQL, SQLite, NoSQL, Firestore

Projects

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

Card Matching Mobile Game <https://github.com/Frederichdk/matchGame>

- Developed a React Native mobile game with a user-friendly UI.
- Designed multiple game components for an interactive experience

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 - Present

- Developing 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 - Present

- 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 - Present

- 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

- Led teams as Captain, fostering a competitive and motivated team culture
- Adapted leadership styles to different sports and team dynamics