

Rob Roy

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Experience:

Shiftly Software Engineering Internship: (Nov 2023 – Feb 2024)

Fully built and helped deploy a Flask API which is used for client onboarding.

Built a front-end automation system using Selenium to quickly and effectively manage clients and client beneficiaries on companies banking system.

Stone Three Engineering Internship: (Jan 2023 – Feb 2023)

Developed and deployed scripts which were used for optimization by clients and integrated and controlled hardware systems with software commands.

Launch Lab Data Science and Entrepreneurship Bootcamp: (June 2022)

Obtained a course mark of 95.65% and helped create the top performing Machine learning image classification model of all other groups in the program.

Stone Three Machine Learning Holiday work: (2019)

Job shadowed and helped write very simple programs in python and did manual image classification.

Projects:

Voice Assistant for Linux: (Current)

Create a voice assistant similar to Google Assistant for the Linux operating system utilising techniques in machine learning, natural language processing and software design.

CS344 2023 Project with the company Entelect: (2023)

Contributed heavily to the frontend and backend development of a calendar event management system using React and Node.js.

CS343 2023 Project: (2023)

Implementation of a REST API along with a WebSocket for backend in Node.js for Markdown notetaking app. Also contributed heavily to the frontend development in react.

Education:

Stellenbosch University: (2021-current)

BEng E&e Data Engineering

Currently 4th Year

References:

Mr Chris de Villiers from Shiftly:

chris@shiftly.co.za

Mrs Emmerentia Jacobs from Stone Three:

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