

Rob Roy

Email: src0606@gmail.com

Phone: 081 553 1536

Experience:

Shiftly Junior Software Developer:

(Nov 2023 – Feb 2024)

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

Built a front-end automation system using Selenium to quickly and effectively manage clients and client beneficiaries in a company's banking system.

Stone Three Engineering Internship:

(Jan 2023 – Feb 2023)

Developed and deployed scripts which were used for file and data handling by clients.

Integrated and controlled camera hardware systems with proprietary software command tools.

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 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 the backend in Node.js for a Markdown notetaking app. Also contributed heavily to the frontend development in React.

Education:

Stellenbosch University:

BEng E&E Data Engineering

References:

Mr Chris de Villiers from Shiftly:

chris@shiftly.co.za

Mrs Emmerentia Jacobs from Stone Three:

emmerentia.jacobs@stonethree.com | +27 83 238 3023