



EDUCATION

SOFTWARE DEVELOPMENT

CERTIFICATIONS

The Complete Android 14 & Kotlin Development Masterclass

Mobile App Development with Kotlin

Automation Anywhere Advanced Certification

Flowgear Technical Certification

Salesforce Ranger

BSC HONS ENGINEERING (CIV)

UNIVERSITY OF KWAZULU-NATAL

Dissertation: ANSYS Software Finite Element Analysis of warehouse structures undergoing fire loading. Design project: Excel Analysis, Stormwater Design of Paradise Valley National Route Interchange.

HIGH SCHOOL DIPLOMA

WESTVILLE BOYS HIGH SCHOOL

Achieved 85% final year average. Competed in several extracurricular sport events, task teams as well as tutoring mathematics and physics to students in free time.

SKILLS

Microservices Development

Springboot

Kotlin

Selenium Automation

Javascript

Angular

Java

Power Platform

Salesforce Development

Robotic Process Automation

APEX Development

API Integrations

SQL-SOQL

Project management

Agile

Git/GitHub

Automation Anywhere (RPA Software)

LINKS

Portfolio Website:
<https://ryanksten.github.io/#>

Linkedin:
<www.linkedin.com/in/ryan-stenning>

GitHub:
<https://github.com/Ryanksten>

LANGUAGES

- ☐ English

☐ Afrikaans

ABOUT ME

As a driven and creative professional, my passion for technology and problem-solving fuels my career. I specialize in identifying opportunities to integrate automation, streamline operations, and enhance efficiency. With a strong commitment to driving digital transformation, I leverage cutting-edge technologies to solve complex challenges, optimize processes, and accelerate business growth in today's fast-evolving IT landscape

WORK EXPERIENCE

JUNIOR SOFTWARE ENGINEER | JUL 2024 - PRESENT

VAT IT (PTY) LTD

Designed and developed Spring Boot microservices to support scalable, distributed systems with a focus on performance, security, and maintainability.

Implemented Selenium microservice for automated invoice submissions on the UAE Tax Portal, ensuring the robustness and reliability of the application.

Client Facing front-end Angular web applications experience.

Collaborated with cross-functional teams to align development with backend microservices, optimizing application performance and functionality.

AUTOMATION & SALESFORCE DEVELOPER | JAN 2023 - JUN 2024

VAT IT (PTY) LTD

Spearheaded RPA and Salesforce initiatives within Agile environments, significantly boosting operational efficiency through automation and tailored feature development.

Utilizing Power Platform, Flow Gear, and Automation Anywhere for process optimization, data integration, and automated report generation, resulting in a marked decrease in manual tasks and enhanced inventory management.

In-depth analysis to identify automation opportunities, collaborating with stakeholders to refine workflows, and calculating ROI to support strategic decisions.

Enriching Salesforce functionality and resolving complex issues through the implementation of flows, Apex code, and validation rules, ensuring robust system performance.

1. Successfully automated an HR ticketing system for a 1000-employee organization using MS Power Apps, Power Automate, and SharePoint lists, incorporating intricate canvas apps and maintaining data confidentiality.

2. Developed web scraping automation tools for tax portal interactions, improving reliability and speed in communications and reporting with tax departments.

3. Implemented ETL processes for document retrieval from AWS and Azure, coupled with ROI report generation and bot activity tracking analytics.

4. Salesforce Flows, Apex updates, lightning Web Component updates and setup of External service API Intergrations

FOUNDER/OWNER | JAN 2024

REWIRED WEB DEVELOPMENT

Owner and developer of part-time web development initiatives and digital transformation strategies, driving innovation and business growth.

MECHANICAL CONSULTING ENGINEERS | JUL 2022

SOLMAT CC

Completed the HVAC CAD design of 14-story hotel, chiller pipe floor plan. Produced a bill of quantities for the hotel refrigerant pipe system.

CIVIL ENGINEERING CONSULTANTS | JUN 2022

GORDON FLEMING & ASSOCIATES

Assistant design engineer, conducting site inspection for correct ground levels and steel reinforcement, Cad design, load analysis and design of multistory home, wind analysis, Geotechnical site inspection of retaining wall. Prokon beam analysis. Preliminary site surveying measurements.

BANK STATEMENT INVESTIGATOR | JAN 2018

MOORE STEPHAN'S ACCOUNTING FIRM

Bank statement investigation, Transaction tracing of amounts and inspection.

REFERENCE

END OF DOCUMENT

Academic Records and References



Certificate no: UC-cf77be84-2ead-4c50-b3d6-3c35880b6d1b

Certificate url: ude.my/UC-cf77be84-2ead-4c50-b3d6-3c35880b6d1b

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete Android 14 & Kotlin Development Masterclass

Instructors **Denis Panjuta, Tutorials.eu by Denis Panjuta**

Ryan Stenning

Date **Oct. 1, 2024**

Length **66.5 total hours**



2nd September, 2024

Date of Award



CERTIFICATE RYAN STENNING

has received this award for successfully
completing the course:

Mobile App Development with Kotlin

To verify:



4382-41868777

<https://alison.com/certification/check/fdd212e519>

Maeve Richardson

Director of Certification



AUTOMATION ANYWHERE CERTIFIED **ADVANCED** RPA PROFESSIONAL 2023

Ryan Stenning

AAADVC2023A360-91896324

Expires On : January 12, 2026

AUTOMATION ANYWHERE
AUTOMATION 360™



K. Engelhardt

Kristen Engelhardt, Senior Vice President
Automation Anywhere Community and University



Flowgear Technical Certification

iPaaS | Integration & Automation

Awarded to

Ryan Stenning



Issue date: 17 Jul 2023 Certificate number: 5W0B-IK2P-F29N-S9HV

DC Chilcott
CEO

STATEMENT OF DEGREE COMPLETION

(valid from date of issue until 04 January 2025)

This serves to confirm that

Ryan Kyle Stenning
Student Number : 219008992

has completed the academic requirements for the degree of

Bachelor of Science in Engineering

with major/specialisation in

Civil Engineering

The degree will be conferred at the graduation ceremony in April 2024.



Final Results

Bachelor of Science in Engineering [ENG-CV] Semester 2023:2

Degree Completed

Semester	Module	Description	Mark	Result	Explanation
2023:2	ENCV408H2	Civil Engineering Design Project	80	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2022:2

Performance unsatisfactory,academic counselling required

Semester	Module	Description	Mark	Result	Explanation
2022:2	ENCV2MRH2	Materials Workshop Course	70	P	Pass
2022:2	ENCV408H2	Civil Engineering Design Project	45	F	Fail
2022:2	ENCV403H2	Dissertation	80	P	Pass
2022:2	ENCV4V8H2	Vacation Work		P	Pass
2022:2	ENP670UH2	Management of Construction Contracts	69	P	Pass
2022:2	MGNT130H2	Management 120	64	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2022:1

Semester	Module	Description	Mark	Result	Explanation
2022:1	ENCR4MLH1	Engineering Management & Labour Relations	84	P	Pass
2022:1	ENCV408H1	Ground and Structural Engineering	79	P	Pass
2022:1	ENCV4TEH1	Transport and Environmental Management	70	P	Pass
2022:1	ENCV4WEH1	Water and Environmental Engineering	66	P	Pass
2022:1	ENEL4EDH1	Engineering Entrepreneurship	70	P	Pass
2022:1	ENP6799H1	Professional Practice	79	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2021:2

Semester	Module	Description	Mark	Result	Explanation
2021:2	ENCV2MRH2	Materials Workshop Course		F/	Continuing
2021:2	ENCV3C8H2	Civil CAD Workshop		P	Pass
2021:2	ENCV3R8H2	Fluids 3	68	P	Pass
2021:2	ENCV3G2H2	Geotechnical Engineering Studies 2	60	P	Pass
2021:2	ENCV3MSH2	Mathematical Systems	79	P	Pass
2021:2	ENCV3DEH2	Structural Design 2	83	PM	Certificate of Mark
2021:2	ENCV3TRH2	Transport 2	71	P	Pass
2021:2	ENMC4CMH2	Camp Management	84	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2021:1

Semester	Module	Description	Mark	Result	Explanation
2021:1	ENCV3A8H1	Fluids 2	66	P	Pass
2021:1	ENCV3G1H1	Geotechnical Engineering Studies 1	60	P	Pass
2021:1	ENCV3DTH1	Structures 2	61	P	Pass
2021:1	ENCV3TRH1	Transport 1	58	P	Pass
2021:1	STAT370H1	Engineering Statistics	78	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2020:2

Semester	Module	Description	Mark	Result	Explanation
2020:2	ENCV3FLH2	Fluids 1	61	P	Pass
2020:2	ENCV2MRH2	Materials Workshop Course		F/	Continuing
2020:2	ENCV2SRH2	Structures 2	61	P	Pass
2020:2	ENCV2DEH2	Structural Design 1	54	P	Pass
2020:2	GEOL219H2	Elements of Geology for Civil Engineers	62	P	Pass
2020:2	MATH348H2	Mathematics 2B (Eng)	68	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2020:1

Deans Commendation

Semester	Module	Description	Mark	Result	Explanation
2020:1	ENCV2MT11	Civil Engineering Materials	67	P	Pass
2020:1	ENCV2LAH1	Structures 1	83	P	Pass
2020:1	ENCV2SDH1	Surveying Engineering	75	P	Pass
2020:1	MATH338H1	Mathematics 2A (Eng)	80	P	Pass
2020:1	ZULN101H1	Basic to Zulu Language Studies A	77	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2019:2

Semester	Module	Description	Mark	Result	Explanation
2019:2	CHEM191H2	Chemistry for Engineers 1B	69	P	Pass
2019:2	ENCV1EDH2	Introduction to Civil Design	77	P	Pass
2019:2	ENCV1ERH2	Engineering Practice Workshop		P	Pass
2019:2	ENMC1CMH2	Introduction to Engineering Materials	56	P	Pass
2019:2	MATH414H2	Mathematics 1B (Eng)	60	P	Pass
2019:2	MATH424H2	Applied Mathematics 1B (Eng)	68	P	Pass
2019:2	PHYS152H2	Engineering Physics 1B	58	P	Pass

Bachelor of Science in Engineering [ENG-CV] Semester 2019:1

Semester	Module	Description	Mark	Result	Explanation
2019:1	CHEM181H1	Chemistry for Engineers 1A	71	P	Pass
2019:1	ENCH11CH1	Technical Communication for Engineers	70	P	Pass
2019:1	ENMC1DMH1	Engineering Drawing	82	P	Pass
2019:1	MATH331H1	Mathematics 1A (Eng)	65	P	Pass
2019:1	MATH332H1	Applied Mathematics 1A (Eng)	64	P	Pass
2019:1	PHYS131H1	Engineering Physics 1A	59	P	Pass



REPUBLIC OF SOUTH AFRICA

National Senior Certificate

Awarded to

RYAN KYLE STENNING

Identity number 0008295102084

Exam number 5184121320187

Subject	Achievement	
	%	level
English Home Language	75	6
Afrikaans First Additional Language	76	6
Mathematics	84	7
Life Orientation	86	7
Accounting	88	7
Life Sciences	81	7
Physical Sciences	86	7
*****	***	*

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2018

M. S. LAKOMETS

Chief Executive Officer

190 9194 0628 E



This certificate is issued without alterations or erasure of any kind

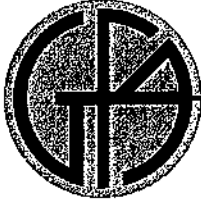


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Council for Quality Assurance in
General and Further Education and Training
South Africa 0306033

(See reverse for more information)



GORDON FLEMING & ASSOCIATES
CONSULTING CIVIL & STRUCTURAL ENGINEERS

2A QUENTIN SMYTHE ROAD, KLOOF, 3610 • TEL/FAX. (031) 76 40971
E-MAIL: flemingr@mweb.co.za

9 September 2022

TO WHOM IT MAY CONCERN

Re: LETTER OF RECOMMENDATION

Further to the above, I hereby recommend Mr. Ryan Stenning as a prospective job candidate.

Ryan completed his work experience with *Gordon Fleming & Associates* in July of 2022. He worked under the supervision of professional engineers and completed various tasks such as CAD design and detailing, site inspections and measurements, structural load analysis and rational assessments. Ryan showed excellent organizational and communication skills, developing a good rapport with the team with his outgoing, proactive nature. Ryan always proved his ability to work independently and showed initiative by asking good questions and developing his solutions to problems found whilst working.

Ryan would be an asset to any employer, and I recommend him for any endeavor he chooses to pursue.

Please feel free to contact me should you require any further information.

Trusting the above is sufficient.

Yours faithfully,

MARK SNYMAN
GORDON FLEMING & ASSOCIATES
Consulting Civil & Structural Engineers
(Tel: 031 – 764 0971)
(Cell: 072 599 5995)

MOORE STEPHENS CJL
5th Floor, The Spinnaker
Albert Terrace
Durban
4001

P O Box 11800, Marine Parade
Durban, 4056

T +27 (0)31 332 8622
F +27 (0)31 332 1828
E cjl@msdbn.co.za

www.moorestephens.co.za

21 July 2017

Feedback on Ryan Stenning – Grade 11CA

Work experience

Ryan was exposed to the following tasks during his time with Moore Stephens:

Independent Contractors

- Trace to bank statement
- Obtain appointment book and confirm appointments made for selected contractor
- Obtain invoice relating to this amount

Employee Costs

- Inspect employee file for ID of employee

Interest income

- Inspect bank statement – note amounts and details

Revenue

- Trace to bank statements

Further Comments

Ryan is a pleasure to work with, he has a very sharp mind and asks interesting questions. During his time with us I noted that he is very clued up with many current affair matters ranging from business to politics. He was able to hold good conversations and provide valuable input. He has a bright future ahead of him in which ever career path he chooses, his excellent people skills and warm personality sets him at a cut above the rest.

Comments on the program

I feel this program is an excellent idea as it helps scholars to get a glance into the day of the life of a person who is in the profession that they wish to follow. This allows them to gauge if this is what they want from a career.



TEL: (031)2671330
FAX: (031)2667950
E-MAIL: school@wbhs.co.za
WEBSITE: www.wbhs.co.za

P.O.BOX 1019
WANDSBECK 3631
KWAZULU NATAL
SOUTH AFRICA

MATRIC SCHOOL LEAVING TESTIMONIAL

Ryan STENNING enrolled as a pupil at Westville Boys' High School in January 2014. He will write the National Senior Certificate Examination in October-November 2018.

Character:

Ryan is a young man of excellent character and high principles. He is honest, reliable and sensitive to the needs of others. He adopts a responsible and dignified approach to life. His positive personality and communication skills enable him to maintain good and appropriate relationships with teachers and peers. His appearance, manners and bearing are to his credit. His sensible approach is reflected in his general conduct and behaviour. His disciplinary records are good.

School attendance 2018:

Excellent	Days absent	Days late
	4	1

Awards:

Award received	Activity / Discipline
Half Colours	Academics
Half Colours	Service
Venator Scroll	Sport participation

Academic Subjects:

English; Afrikaans; Mathematics; Physical Sciences; Life Sciences; Accounting; Life Orientation

Academic Performance:

Ryan's academic performance has been very good. He has the insight and aptitude to achieve at a high level in any South African or international university in the field of his choice.

He is a capable student who is responsible and diligent. He is intelligent and able to grasp advanced concepts readily. He displays interest in all of his subjects and makes a positive contribution to lessons. He can be relied upon to work independently without supervision, and he is able to work collaboratively with other students. He always submits tasks and assignments efficiently and timeously. Apart from undertaking a challenging combination of subjects, he extends himself by way of participation in the Advanced Programme Mathematics and the Mathematics Olympiad.

Service:

He displays a high level of emotional intelligence at all times which ensures appropriate relationships with all individuals with whom he interacts. He serves on the Academic Support Task Team, assisting other students in need and is a member of the Interact Task Team, thereby supporting service to the community programme.

Extracurricular:

2nd Volleyball Team

Recommendation:

Ryan is a young man of undoubted ability. His interpersonal skills should grant him every success in the career of his choice. I have pleasure and confidence in recommending him.

T W HALL
Headmaster

November 2018