

Thigan Pillay

GRADUATE

Details

Benoni
South Africa
+27 83 410 0114
thiganpillay2805@gmail.com

Skills

Leadership Skills

Teamwork

Effective Time Management

Analytical Skills

Problem Solving

Python

Microsoft Excel

Microsoft PowerPoint

Microsoft Office Word

LaTeX

Aspen Plus

Adaptability

Communication

Hobbies

Sport (Football and Formula 1)
Reading
Listening to music
Travel
Listening to podcasts

Languages

English

Afrikaans

Profile

Dedicated graduate Chemical Engineer with a passion for gaining more insight into the working world. Bringing forth an in-depth understanding of principles relating to the field. Adept in problem-solving and working to offer solutions. A strong team player with excellent collaboration skills, and a commitment to maximising the process within a facility.

Employment History

Vacation student, AECl, Kempton Park

DECEMBER 2021 – JANUARY 2022

Worked as a student during my semester break. Knowledge obtained:

- The manufacturing process
- Batch operations
- Continuous operations
- Process control
- Quality control
- Plant safety

Tutor, Innovate Tutors

FEBRUARY 2022 – DECEMBER 2022

- Mathematics
- Physical Science

Education

National Senior Certificate, St Dunstan's College, Benoni

JANUARY 2013 – DECEMBER 2017

- English
- Afrikaans
- Life Orientation
- Mathematics
- Physical Science
- Life Science
- Business Studies
- Applied Mathematics

BEng, University of Pretoria, Pretoria

FEBRUARY 2018 – DECEMBER 2022

Chemical Engineering (NQF level 8):

- Distinction average in my final year
- Distinction achieved for my final year research project



Certificate no: UC-09c0d516-b0fb-4737-a43d-6915904071e2

Certificate url: ude.my/UC-09c0d516-b0fb-4737-a43d-6915904071e2

Reference Number: 0004

CERTIFICATE OF COMPLETION

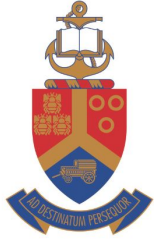
Learn Python: The Complete Python Programming Course

Instructors **Avinash Jain, The Codex**

Thigan Pillay

Date **Jan. 25, 2023**

Length **14.5 total hours**



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Student no: 18106545
Our ref: Mr MJ Makhasa
Tel: 0124202142

2022-12-22

This is to certify that

Thigan Pillay

complied with all the requirements for the certificate/diploma/degree

Bachelor of Engineering Chemical Engineering

on 2022-11-30

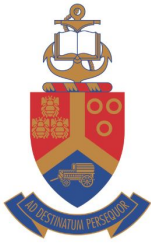
The qualification will be awarded/conferred at a graduation ceremony to be held

on 2023-04-26

A handwritten signature in black ink, appearing to read 'Blawl.' with a stylized initial 'B'.

for DEAN

Faculty of Engineering, Built Environment and Information Technology



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

STUDENT NUMBER 18106545
SURNAME Pillay
FIRST NAMES Thigan
DATE OF BIRTH 1999-05-28
TYPE OF EXEMPTION Admit to Bachelor's Degree

DATE ISSUED 2022-12-22

ACADEMIC RECORD

2018 (Full-time)		Programme: BEng			Plan: Chemical Engineering		
In partial fulfilment of the requirements for Bachelor of Engineering							
Module code	Module name	Credits	%	Results			
WWP 121	Workshop practice 121	6	997	Attendance satisfactory			
UPO 112	Academic orientation 112	0	997	Attendance satisfactory			
CHM 181	General chemistry 181	16	77	Pass with distinction			
WTW 158	Calculus 158	16	75	Pass with distinction			
WTW 164	Mathematics 164	16	71	Pass			
HAS 110	Humanities and social sci 110	8	66	Pass			
FSK 116	Physics 116	16	65	Pass			
CHM 171	General chemistry 171	16	65	Pass			
EBN 122	Electricity and electronic 122	16	65	Pass			
HAS 120	Humanities and social sci 120	8	62	Pass			
SWK 122	Mechanics 122	16	62	Pass			
CIR 113	Chemical engineering 113	8	60	Pass			
MGC 110	Graphical communication 110	16	54	Pass			
CIR 123	Chemical engineering 123	8	50	Pass			

Weighted average % for term: 65.3
Cumulative weighted average: 65.3

OUTCOME: Permitted to proceed

2019 (Full-time)		Programme: BEng			Plan: Chemical Engineering		
In partial fulfilment of the requirements for Bachelor of Engineering							
Module code	Module name	Credits	%	Results			
JCP 203	Community-based project 203	8	96	Pass with distinction			
MPR 213	Prog and information tech 213	16	69	Pass			
CHM 226	Chemistry 226	8	67	Pass			
SWK 210	Strength of materials 210	16	67	Pass			
BES 220	Engineering statistics 220	8	66	Pass			
WTW 263	Numerical methods 263	8	59	Pass			
WTW 258	Calculus 258	8	54	Pass			
WTW 238	Mathematics 238	16	54	Pass			
CHM 215	Chemistry 215	12	53	Pass			
EIR 221	Electrical engineering 221	16	53	Pass			
CIR 211	Chemical engineering 211	12	51	Pass			
WTW 256	Differential equations 256	8	50	Pass			
CTD 223	Thermodynamics 223	16	44	Fail			

Weighted average % for term: 59.053
Cumulative weighted average: 62.256

OUTCOME: Permitted to proceed

2020 (Full-time)		Programme: BEng	Plan: Chemical Engineering		
In partial fulfilment of the requirements for Bachelor of Engineering					
Module code	Module name	Credits	%	Results	
CJJ 310	Professional and technical 310	8	93	Pass with distinction	
CTD 223	Thermodynamics 223	16	86	Pass with distinction	
BSS 310	Engineering management 310	8	86	Pass with distinction	
MIA 320	Engineering activity 320	8	81	Pass with distinction	
CIM 210	Chemical engineering 210	8	77	Pass with distinction	
CKN 321	Kinetics 321	16	63	Pass	
CMO 310	Mass transfer 310	16	59	Pass	
COP 311	Transfer processes 311	16	54	Pass	

Weighted average % for term: 71.75

Cumulative weighted average: 64.49

OUTCOME: Permitted to proceed

2021 (Full-time)		Programme: BEng	Plan: Chemical Engineering		
In partial fulfilment of the requirements for Bachelor of Engineering					
Module code	Module name	Credits	%	Results	
CPY 311	Practical training 311	16	997	Attendance satisfactory	
CBI 310	Biochemical engineering 310	16	83	Pass with distinction	
CLB 321	Laboratory 321	16	82	Pass with distinction	
CIO 320	Chemical eng design 320	16	81	Pass with distinction	
CIR 310	Chemical engineering 310	8	80	Pass with distinction	
CRO 410	Reactor design 410	16	68	Pass	
CPN 321	Process dynamics 321	16	67	Pass	
CPA 410	Particle technology 410	16	65	Pass	

Weighted average % for term: 74.769

Cumulative weighted average: 66.578

OUTCOME: Permitted to proceed

2022 (Full-time)		Programme: BEng	Plan: Chemical Engineering		
Module code	Module name	Credits	%	Results	
CPY 411	Practical training 411	1	997	Attendance satisfactory	
CPS 420	Process analysis 420	8	89	Pass with distinction	
CPR 420	Chemical eng practice 420	8	87	Pass with distinction	
CSC 411	Research project 411	16	86	Pass with distinction	
CPB 410	Process control 410	16	79	Pass with distinction	
CPS 410	Process synthesis 410	8	76	Pass with distinction	
CSC 421	Research project 421	16	76	Pass with distinction	
CPJ 421	Design project 421	24	68	Pass	
CSS 420	Specialisation 420	16	64	Pass	

Weighted average % for term: 76.143

Cumulative weighted average: 68.295

OUTCOME: Complies with qualification requirements

On 2022-11-30 the abovementioned student complied with all the requirements for the Bachelor of Engineering qualification. It will be/was awarded/conferred on 2023-04-26.



for DEAN
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