

# Curriculum Vitae of Pierre du Plessis



## Personal Information

Address:	235 Acacia, Hennopspark, Centurion
Cell:	072 593 4939
Race:	Caucasian
Email:	pierregduplessis@gmail.com
Nationality:	South African
Driver's License:	Code 8
Date of birth:	02-04-1999
Languages:	English, Afrikaans
Marital Status:	Single

## Educational Qualifications

2017:	Grade 12 National Senior Certificate: Hoërskool Zwartkop
2020:	Bsc Computer Science Certificate (University of the Pretoria) * Will get it on 20 April * Academic Record is attached for proof of degree

## Additional Certificates

2017:	Computer Talent Search Bronze Certificate
2017:	Advanced Mathematics Certificate
2017:	Certificate for Merits
2019:	Golden Key International Honours Society Certificate

## Practical Experience

Description:	A client request given to me and my team from the University to build an app for the purpose of using it on project day.
Period:	17/05/2020 – 11/10/2020
Position:	Developer
Technique Used:	Agile/Scrum
Key duties:	Designing 3D models, JavaScript development, Ruby development for Web app
Link to repository:	<a href="https://github.com/COS301-SE-2020/Plushie-Designer">https://github.com/COS301-SE-2020/Plushie-Designer</a>

## Skills

LEVEL	DESCRIPTION
1	Only learned the language with lack of practical experience
2	Limited practical experience through exercises
3	Solid practical experience in University projects
4	Language/System/Technology regularly used
5	Extensive practical experience on active business applications

TYPE		Level
Operating Sysyems	Windows 7	4
	Windows 8	4
	Windows 10 (Current)	4
	UNIX/Linux	4
DBMS / Access Methods	Neo4j (Graph Database)	2
	XML & BaseX (Semi-structured Data)	2
	PostgreSQL (Object Relational DB)	2

	db4o (Object Orientated DBMS)	2
	MongoDB	3
	MySQL	4
<b>Programming Languages</b>	XML	3
	HTML & CSS	4
	JavaScript	4
	PHP	3
	Ruby	3
	AWK	2
	MIT/GNU Scheme	2
	SWI-Prolog	2
	Perl	2
	Fortran	2
	COBOL	2
	Smalltalk	2
	Python	2
	Assembly (Low level Language)	3
	Delphi	4
	C++	4
	Java	4
	SQL	4
	Android	3
<b>Development Tools</b>	Text Editors (Visual Studio Code, Atom, ect)	4
	Microsoft Visual Studio	2
	Eclipse Java/C++	4
	GIT/Github	4
	Bootstrap	3
	nodejs	3
<b>Technologies</b>	Artificial Intelligence	2
	Mobile Development	3
	Cyber Security	3
	Networks	3

	Database Systems	4
	Computer Graphics	3
	Compiler Construction	2
	REST	2
<b>Productivity Skills</b>	Structured Programming	4
	Object Orientated Programming	4
	Functional Programming	3
	Implementation	4
	Management (Leading projects)	3

## Leaderships Skills / Experience

2020: Leader for design of android application

## References

### **Mr. Louie van der Venter**

Position: Math Teacher  
Company: Hoërskool Zwartkop  
Cell: +27 84 245 0331

### **Ms. Zaynab Mobara**

Position: School guardian  
Company: Hoërskool Zwartkop  
Cell: +27 82 572 4967



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

STUDENT NUMBER 18113941  
SURNAME du Plessis  
FIRST NAMES Pierre Gerhard  
NATIONAL ID 9904025069083  
TYPE OF EXEMPTION Admit to Bachelor's Degree

DATE ISSUED 2021-01-10

## ACADEMIC RECORD

Term: 2018	Program: BSc	Plan: Computer Science			
	In partial fulfilment of the requirements for Bachelor of Science				
Module code	Module name	Credits	%	Results	
STK110	Statistics 110	13.00	86	Pass with distinction	
STK120	Statistics 120	13.00	86	Pass with distinction	
COS122	Operating systems 122	16.00	62	Pass	
COS132	Imperative programming 132	16.00	85	Pass with distinction	
UPO112	Academic orientation 112	0.00	997	Attendance satisfactory	
AIM101	Academic information management 101	6.00	82	Pass with distinction	
COS110	Program design: Introduction 110	16.00	70	Pass	
COS151	Introduction to computer science 151	8.00	72	Pass	
WTW124	Mathematics 124	16.00	82	Pass with distinction	
GLY155	Introduction to geology 155	16.00	64	Pass	
WTW114	Calculus 114	16.00	80	Pass with distinction	
WTW115	Discrete structures 115	8.00	90	Pass with distinction	
WTW162	Dynamical processes 162	8.00	78	Pass with distinction	
GLY163	Earth history 163	16.00	55	Pass	
ALL121	Academic literacy for Information Technology 121	6.00	66	Pass	

Weighted average % for term: 74.78 Cumulative weighted average: 74.78

OUTCOME: Permitted to proceed

  
for REGISTRAR



du Plessis  
Pierre Gerhard  
9904025069083  
Admit to Bachelor's Degree

DATE ISSUED 2021-01-10

<b>Term: 2019</b>	<b>Program: BSc</b>	<b>Plan: Computer Science</b>		
	<b>In partial fulfilment of the requirements for Bachelor of Science</b>			
<b>Module code</b>	<b>Module name</b>	<b>Credits</b>	<b>%</b>	<b>Results</b>
COS212	Data structures and algorithms 212	16.00	63	Pass
COS216	Netcentric computer systems 216	16.00	75	Pass with distinction
COS226	Concurrent systems 226	16.00	53	Pass
JCP202	Community-based project 202	8.00	97	Pass with distinction
COS284	Computer organisation and architecture 284	16.00	68	Pass
COS210	Theoretical computer science 210	8.00	74	Pass
COS214	Software modelling 214	16.00	77	Pass with distinction
COS221	Introduction to database systems 221	16.00	63	Pass
WTW285	Discrete structures 285	12.00	81	Pass with distinction

Weighted average % for term:	70.36	Cumulative weighted average:	72.94
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<b>Term: 2020</b>	<b>Program: BSc</b>	<b>Plan: Computer Science</b>		
	<b>In partial fulfilment of the requirements for Bachelor of Science</b>			
<b>Module code</b>	<b>Module name</b>	<b>Credits</b>	<b>%</b>	<b>Results</b>
COS301	Software engineering 301	27.00	69	Pass
COS314	Artificial intelligence 314	18.00	67	Pass
COS326	Database systems 326	18.00	89	Pass with distinction
COS330	Computer security and ethics 330	18.00	65	Pass
COS332	Computer networks 332	18.00	66	Pass
COS333	Programming languages 333	18.00	77	Pass with distinction
COS341	Compiler construction 341	18.00	73	Pass
COS344	Computer graphics 344	18.00	60	Pass

Weighted average % for term:	70.65	Cumulative weighted average:	72.16
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**OUTCOME:** Complies with qualification requirements



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Universiteit van Pretoria  
University of Pretoria  
Privaatsak X20 / Private Bag X20  
Hatfield 0028  
E-pos/Email: [csc@up.ac.za](mailto:csc@up.ac.za)  
Tel: 012 420 3111  
Faks/Fax 012 420 4555



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

STUDENT NUMBER	18113941
SURNAME	du Plessis
FIRST NAMES	Pierre Gerhard
NATIONAL ID	9904025069083
TYPE OF EXEMPTION	Admit to Bachelor's Degree

DATE ISSUED 2021-01-10

## ACADEMIC RECORD

On 2020-11-30 the abovementioned student complied with all the requirements for the Bachelor of Science qualification. It will be/was awarded/conferred on 2021-04-20 .

\*\*\*END OF REPORT\*\*\*

  
for REGISTRAR

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Universiteit van Pretoria  
University of Pretoria  
Privaatsak X20 / Private Bag X20  
Hatfield 0028  
E-pos/Email: [csc@up.ac.za](mailto:csc@up.ac.za)  
Tel: 012 420 3111  
Faks/Fax 012 420 4555





REPUBLIC OF SOUTH AFRICA

**STATEMENT OF RESULTS / STAAT VAN UITSLAE**  
**NATIONAL SENIOR CERTIFICATE / NASIONAAL SENIOR SERTIFIKAAT**  
 NOVEMBER 2017

PIERRE GERHARD DU PLESSIS

EXAMINATION NUMBER / EKSAMENNUMMER: 8172102520076  
 ID NUMBER / ID NOMMER 9904025069083  
 DATE OF BIRTH / GEBOORTEDATUM 19990402  
 CENTRE / SENTRUM: (8210252) HO RSKOOL ZWARTKOP

(801) GAUTENG GAUTENG DEPARTEMENT VAN ONDERWYS

Code Kode	Subjects Vakke	Percentage Persentasie	Achievement Level Prestasievlak
AFRHL	Afrikaans Huistaal	68	5
ENGFA	Engels Eerste Addisionele Taal	77	6
MATH	Wiskunde	87	7
LIFE	Lewensorientering	80	7
BSTD	Besigheidstudies	76	6
INFT	Inligtingstegnologie	88	7
GRDS	Ingenieursgrafika en -ontwerp	79	6
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX
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XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX

Die kandidaat kwalifiseer vir die Nasionale Senior Sertifikaat en voldoen aan die minimum vereistes vir baccalaureus graad-, diploma of hoër sertifikaatstudie soos gepubliseer in die Staatskoerant vir toelating tot hoër onderwys.

HEAD OF DEPARTMENT  
DEPARTEMENTSHOOF

DATE / DATUM 2017/12/30

Achievement level Prestasievlak	Achievement Description Prestasiebeskrywing	Marks % Punte %
7	Outstanding achievement / Uitmuntende prestasie	80 - 100
6	Meritorious achievement / Verdienstelike prestasie	70 - 79
5	Substantial achievement / Beduidende prestasie	60 - 69
4	Adequate achievement / Voldoende prestasie	50 - 59
3	Moderate achievement / Matige prestasie	40 - 49
2	Elementary achievement / Basiese prestasie	30 - 39
1	Not achieved / Ontoereikende prestasie	0 - 29

DIE NASIONALE SENIOR SERTIFIKAAT SAL AAN DIE SKOOL GESTUUR WORD.

THE DEPARTMENT RESERVES THE RIGHT TO EFFECT CHANGES TO THIS DOCUMENT IF NECESSARY.

INDIEN NODIG BEHOU DIE DEPARTEMENT DIE REG OM WYSIGINGS AAN DIE DOKUMENT AAN TE BRING.

INSTATS  
E08P1049\_39391





# Computer Talent Search

This is to certify that

**Pierre du Plessis**

from


**Zwartkop High**

earned a **Bronze** certificate

in the **Elite** division  
of the 2017 Talent Search

  
Principal  Administrator 

A Project of the Institute of IT Professionals South Africa.  
Sponsored by Standard Bank.

 **Standard Bank**

# Golden Key International Honour Society

This Certifies That

*Pierre Du Plessis*

Is a member of Golden Key International Honour Society as validated by

*University of Pretoria*

and is hereby granted all Honours, Benefits and Privileges  
pertaining to membership in the Society, effective

**2019**



*[Signature]*  
Director Southern Africa

*[Signature]*  
Executive Director





**Sertifikaat**

**Certificate**

**Toegeken aan / Awarded to**

**Pierre Gerhard Du Plessis**

**9904025069083**

**vir / for**

**Gevorderde Wiskunde**

**Advanced Mathematics\***

**Uitslag / Result**

**85      A**

**Dr C Kriek**

**NOVEMBER 2017**

**Me R Grobler**

\* See reverse / Sien keersy



Ons kweek winners



HOËRSKOOI  
ZWARTKOP



*Sertifikaat van  
Verdiensle  
toegeken aan*


**PIERRE DU PLESSIS**

*vir*

**AKADEMIE**

**6 Onderskeidings**

**12**  
*Graad*

  
Hoof

DOYJIBAZ LÜÜYSJÖUH