Université de Montréal

Date d'émission: 2022-01-29
Matricule: 20146367
CPER QC: ZHUY70030001

Relevé de notes non officiel

Yan Zhuang
1501,4854 Chemin de la Cote-des-neiges
Montreal QC H3V 1G7
Canada

Été 2020

Programme d'études: 199010 - Bac 4 ans sc.nat. et formelles (Accueil)
Spécialisation: Informatique (1-175-1-0) (Spécialisation contingentée)

Programme d'études: 117510 - Informatique (Baccalauréat)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
ANG 1911	Lire en anglais 1 (niveau B1) 1-990-1-0 Cours Hors programme		3.000	3.000	B	9.000	C+
ANG 1921	Écrire en anglais 1niv. B1 1-990-1-0 Cours Hors programme		3.000	0.000	A	12.000	B+
ESP 1901	Espagnol 1 (niveau A1) 1-990-1-0 Cours Hors programme		3.000	0.000	A+	12.900	A+
ESP 1902	Espagnol 2 (niveau A2) 1-990-1-0 Cours Hors programme		3.000	0.000	A+	12.900	A

		Crédits:	Suivis	Obtenus	Moy.	Points
Moyenne générale trimestrielle	3.900	Total du trimestre	12.000	3.000	12.000	46.800

*** Mention d'excellence 199010 ***

Automne 2020

Programme d'études: 199010 - Bac 4 ans sc.nat. et formelles (Accueil)
Spécialisation: Informatique (1-175-1-0) (Spécialisation contingentée)

Programme d'études: 117510 - Informatique (Baccalauréat)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
IFT 1005	Design et développement Web 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	B+
IFT 1015	Programmation 1 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	C+
IFT 1065	Struct. discrètes en info 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	C+
IFT 1215	Intro aux syst. informatiques 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	C+
MAT 1400	Calcul 1 1-175-1-0 Cours obligatoire		4.000	4.000	A+	17.200	C+

Transfert crédits de Université de Montréal
À 117510 - Informatique

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points
ANG 1921	Écrire en anglais 1niv. B1 1-175-1-0 Cours à option		3.000	3.000	A	
ESP 1901	Espagnol 1 (niveau A1) 1-175-1-0 Cours au choix		3.000	3.000	A+	
ESP 1902	Espagnol 2 (niveau A2) 1-175-1-0 Cours au choix		3.000	3.000	A+	

		Crédits:	Suivis	Obtenus	Moy.	Points
Moyenne générale trimestrielle	4.300	Total du trimestre	16.000	16.000	16.000	68.800

Université de Montréal

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Matricule: 20146367
CPER QC: ZHUY70030001

Relevé de notes non officiel

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1501,4854 Chemin de la Cote-des-neiges
Montreal QC H3V 1G7
Canada

*** Mention d'excellence 117510 ***

Hiver 2021

Programme d'études: 117510 - Informatique (Baccalauréat)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
IFT 1025	Programmation 2 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	A-
IFT 1227	Architecture des ordinateurs 1 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	B+
MAT 1600	Algèbre linéaire 1-175-1-0 Cours obligatoire		4.000	4.000	A+	17.200	C-
MAT 1978	Probabilités et statistique 1-175-1-0 Cours obligatoire		4.000	4.000	A+	17.200	B

			Crédits:	Suivis	Obtenus	Moy.	Points
Moyenne générale trimestrielle	4.300	Total du trimestre		14.000	14.000	14.000	60.200

*** Mention d'excellence 117510 ***

Été 2021

Programme d'études: 117510 - Informatique (Baccalauréat)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
ESP 1903	Espagnol 3 (niveau B1.1) 1-175-1-0 Cours à option		3.000	3.000	A+	12.900	A-
IFT 2035	Conc. langages de programm. 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	C+
IFT 2105	Intro à informatique théorique 1-175-1-0 Cours obligatoire		3.000	3.000	A	12.000	C+
IFT 2255	Génie logiciel 1-175-1-0 Cours obligatoire		3.000	3.000	A	12.000	B

			Crédits:	Suivis	Obtenus	Moy.	Points
Moyenne générale trimestrielle	4.150	Total du trimestre		12.000	12.000	12.000	49.800

*** Mention d'excellence 117510 ***

Automne 2021

Programme d'études: 117510 - Informatique (Baccalauréat)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
IFT 1575	Modèles de rech. opérat. 1-175-1-0 Cours obligatoire		3.000	3.000	A+	12.900	B-
IFT 2015	Structures de données 1-175-1-0 Cours obligatoire		3.000	3.000	A	12.000	B+
IFT 2505	Optimisation linéaire 1-175-1-0 76 Cours à option		3.000	3.000	A	12.000	B-
IFT 3911	Logiciels: anal. et conception 1-175-1-0 76 Cours à option		3.000	3.000	A	12.000	B-

Université de Montréal

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Montreal QC H3V 1G7
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		Crédits:	Suivis	Obtenus	Moy.	Points
Moyenne générale trimestrielle	4.075	Total du trimestre	12.000	12.000	12.000	48.900

*** Mention d'excellence 117510 ***

Hiver 2022

Programme d'études: 117510 - Informatique (Baccalauréat)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
IFT 2125	Introduction à l'algorithmique 1-175-1-0 Cours obligatoire						
IFT 2245	Systèmes d'exploitation 1-175-1-0 Cours obligatoire						
IFT 2905	Interfaces personne-machine 1-175-1-0 76 Cours obligatoire						
IFT 2935	Bases de données 1-175-1-0 76 Cours obligatoire						

Sommaire des moyennes et des crédits cumulés par programme d'études

	Trimestre	Moyenne cumulative	Crédits contributoires	Crédits cumulés
199010 - Bac 4 ans sc.nat. et formelles (Accueil)	Été 2020	4.122	27.000	33.000
117510 - Informatique (Baccalauréat)	Automne 2021	4.214	63.000	63.000

Remarques

L'UdeM a décidé de retirer les moyennes de groupe du relevé de notes du trimestre d'Hiver 2020 en raison des impacts de la crise sanitaire sur le cheminement des étudiants.

Fin du relevé des études de premier cycle

Université de Montréal

Date d'émission: 2022-01-29
Matricule: 20146367
CPER QC: ZHUY70030001

Relevé de notes non officiel

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Relevé des études de premier cycle

Automne 2019

Programme d'études: 199010 - Bac 4 ans sc.nat. et formelles (Accueil)
Spécialisation: Informatique (1-175-1-0) (Spécialisation contingentée)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
CHM 1963	Chimie générale 1-990-1-0C Cours à option		3.000	3.000	A+	12.900	C
EDP 1404	Lecture, écriture et syntaxe 1-990-1-0 Cours à option		3.000	3.000	B	9.000	C+
FAS 1901	Méthodes travail universitaire 1-990-1-0 Cours obligatoire		3.000	3.000	A+	12.900	B-
MAT 1905	Algèbre vectorielle, linéaire 1-990-1-0 Cours obligatoire		3.000	3.000	A+	12.900	C
STT 1901	Statistique pour sc. sociales 1-990-1-0C Cours à option		3.000	3.000	A+	12.900	C+

			Crédits:	Suivis	Obtenus	Moy.	Points
Moyenne générale trimestrielle	4.040	Total du trimestre		15.000	15.000	15.000	60.600

Hiver 2020

Programme d'études: 199010 - Bac 4 ans sc.nat. et formelles (Accueil)
Spécialisation: Informatique (1-175-1-0) (Spécialisation contingentée)

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points	Moy.gr.
BIO 1953	Origine et diversité du vivant 1-990-1-0C Cours à option		3.000	3.000	A+	12.900	*
EDP 1504	Lect/écriture/gramm. du texte 1-990-1-0 Cours à option		3.000	3.000	A	12.000	*
MAT 1923	Calcul intégral 1-990-1-0 Cours obligatoire		3.000	3.000	A+	12.900	*
STT 1903	Initiation à la statistique 1-990-1-0C Cours à option		3.000	3.000	A+	12.900	*

Autres crédits à Université de Montréal
À 199010 - Bac 4 ans sc.nat. et formelles

Cours	Description	Crédits:	Suivis	Obtenus	Note	Points
MAT 1903	Calcul différentiel 1-990-1-0 Cours obligatoire		3.000	3.000	EXE	0.000

			Crédits:	Suivis	Obtenus	Moy.	Points
Moyenne générale trimestrielle	4.225	Total du trimestre		12.000	12.000	12.000	50.700

*** Mention d'excellence 199010 ***

Pour être officiel, le relevé de notes doit porter le sceau de l'Université et la signature du Registraire.

[University of Montréal logo]

Date issued: 2022-01-29
Student number: 20146367
Permanent code: ZHUY70030001

Unofficial transcript

Yan Zhuang
1501,4854 Chemin de la Cote-des-neiges
Montréal, QC H3V 1G7
Canada

Undergraduate transcript

Fall 2019

Program: 199010 – 4-year Bach. Nat. and Formal Sci. (Int.)
Specialization: Computer Science (1-175-1-0) (Limited enrolment)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
CHM 1963	General Chemistry 1-990-1-0C Elective course		3.000	3.000	A+	12.900	C
EDP 1404	Reading, Writing and Syntax 1-990-1-0 Elective course		3.000	3.000	B	9.000	C+
FAS 1901	University Work Methods 1-990-1-0 Mandatory course		3.000	3.000	A+	120900	B-
MAT 1905	Vectoral and Linear Algebra 1-990-1-0 Mandatory course		3.000	3.000	A+	12.900	C
STT 1901	Statistics for Social Sciences 1-990-1-0C Elective course		3.000	3.000	A+	12.900	C+

			Credits:	Taken	Obtained	Avg.	Points
Semester GPA	4.040	Semester total		15.000	15.000	15.000	60.600

Winter 2020

Program: 199010 – 4-year Bach. Nat. and Formal Sci. (Int.)
Specialization: Computer Science (1-175-1-0) (Limited enrolment)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
BIO 1953	Origins and Diversity of Life 1-990-1-0C Elective course		3.00	3.00	A+	12.900	*
EDP 1504	Reading/Writing/Grammar in Texts 1-990-1-0 Elective course		3.00	3.00	A	12.900	*
MAT 1923	Integral Calculus 1-990-1-0 Mandatory course		3.00	3.00	A+	12.900	*
STT 1903	Introduction to Statistics 1-990-1-0 Elective course		3.00	3.00	A+	12.900	*

Other University of Montreal credits
For 119010 – 4-year Bach. Nat. and Formal Sci.

Course	Description	Credits:	Taken	Obtained	Grade	Points
MAT 1903	Differential Calculus 1-990-1-0 Mandatory course		3.000	3.000	EXE	0.000

			Credits:	Taken	Obtained	Avg.	Points
Semester GPA	4.225	Semester total		12.000	12.000	12.000	50.700

*** Honour roll 199010 ***

ORDRE DES TRADUCTEURS, TERMINOLOGUES ET INTERPRÈTES AGRÉÉS DU QUÉBEC
Traductrice agréée - Certified Translator
KATHERINE HACHÉ
29528

I hereby certify that I have translated this document from French to English and that, to the best of my knowledge, it is a true and accurate translation.

Katherine Haché, C. Tr.
OTTIAQ Member No. 29528
Capitale-Nationale Region
February 2, 2022

[University of Montréal logo]

Date issued: 2022-01-29
Student number: 20146367
Permanent code: ZHUY70030001

Unofficial transcript

Yan Zhuang
1501,4854 Chemin de la Cote-des-neiges
Montréal, QC H3V 1G7
Canada

Summer 2020

Program: 199010 – 4-year Bach. Nat. and Formal Sci. (Int.)
Specialization: Computer Science (1-175-1-0) (Limited enrolment)

Program: 117510 – Computer Science (Bachelor)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
ANG 1911	English Reading 1 (level B1) 1-990-1-0 Non-program course		3.000	3.000	B	9.000	C+
ANG 1921	English Writing 1 level B1 1-990-1-0 Non-program course		0.000	0.000	A	12.000	B+
ESP 1901	Spanish 1 (level A1) 1-990-1-0 Non-program course		0.000	0.000	A+	12.900	A+
ESP 1902	Spanish 2 (level A2) 1-990-1-0 Non-program course		0.000	0.000	A+	12.900	A

			Credits:	Taken	Obtained	Avg.	Points
Semester GPA	3.900	Semester total		12.000	3.000	12.000	46.800

*** Honour roll 199010 ***

Fall 2020

Program: 199010 – 4-year Bach. Nat. and Formal Sci. (Int.)
Specialization: Computer Science (1-175-1-0) (Limited enrolment)

Program: 117510 – Computer Science (Bachelor)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
IFT 1005	Web Development and Design 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	B+
IFT 1015	Programming 1 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	C+
IFT 1065	Discrete Structures in IT 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	C+
IFT 1215	Intro. to IT Systems 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	C+
MAT 1400	Calculus 1 1-175-1-0 Mandatory course		4.000	4.000	A+	17.200	C+

University of Montreal transfer credits
To 117510 – Computer Science

Course	Description	Credits:	Taken	Obtained	Grade	Points
ANG 1921	English Writing 1 level B1 1-175-1-0 Optional course		3.000	3.000	A	
ESP 1901	Spanish 1 (level A1) 1-175-1-0 Optional course		3.000	3.000	A+	
ESP 1902	Spanish 2 (level A2) 1-990-1-0 Non-program course		3.000	3.000	A+	

			Credits:	Taken	Obtained	Avg.	Points
Semester GPA	4.300	Semester total		16.000	16.000	16.000	68.800

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Unofficial transcript

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1501,4854 Chemin de la Cote-des-neiges
Montréal, QC H3V 1G7
Canada

Winter 2021

Program: 117510 – Computer Science (Bachelor)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
IFT 1025	Programming 2 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	A-
IFT 1227	Computer Architecture 1 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	B+
MAT 1600	Linear Algebra 1-175-1-0 Mandatory course		4.000	4.000	A+	17.200	C-
MAT 1978	Statistics and Probabilities 1-175-1-0 Mandatory course		4.000	4.000	A+	17.200	B

			Credits:	Taken	Obtained	Avg.	Points
GPA	4.300	Semester total		14.000	14.000	14.000	60.800

*** Honour roll 117510 ***

Summer 2021

Program: 117510 – Computer Science (Bachelor)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
ESP 1903	Spanish 3 (level B1.1) 1-175-1-0 Optional course		3.000	3.000	A+	12.900	A-
IFT 2035	Conc. Programming Languages 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	C+
IFT 2105	Intro. to Theoretical Information 1-175-1-0 Mandatory course		3.000	3.000	A	12.000	C+
IFT 2255	Software Engineering 1-175-1-0 Mandatory course		3.000	3.000	A	12.000	B

			Credits:	Taken	Obtained	Avg.	Points
GPA	4.150	Semester total		12.000	12.000	12.000	49.800

*** Honour roll 117510 ***

Fall 2021

Program: 117510 – Computer Science (Bachelor)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
IFT 1575	Operational Search Methods 1-175-1-0 Mandatory course		3.000	3.000	A+	12.900	B-
IFT 2015	Data Structures 1-175-1-0 Mandatory course		3.000	3.000	A	12.000	B+
IFT 25055	Linear Optimization 1-175-1-0 Optional course		3.000	3.000	A	12.000	B-
IFT 3911	Software: Analysis And Design 1-175-1-0 Optional course		3.000	3.000	A	12.000	B-

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			Credits:	Taken	Obtained	Avg.	Points
GPA	4.075	Semester total		12.000	12.000	12.000	48.900

*** Honour roll 117510 ***

Winter 2022

Program: 117510 – Computer Science (Bachelor)

Course	Description	Credits:	Taken	Obtained	Grade	Points	W. Avg.
IFT 1575	Introduction to Algorithmics 1-175-1-0 Mandatory course						
IFT 2035	Operating Systems 1-175-1-0 Mandatory course						
IFT 2105	Human-Machine Interfaces 1-175-1-0 76 Mandatory course						
IFT 2255	Databases 1-175-1-0 76 Mandatory course						

Summary of averages and credits per program of study

	Semester	Cumulative average	Contr. credits	Total credits
199010 – 4-year Bach. Nat. and Formal Sci. (Int.)	Summer 2020	4.122	27.000	33.000
117510 – Computer Science (Bachelor)	Fall 2021	4.214	63.000	63.000

Notes

UdeM decided to remove the group averages from transcripts for the Winter 2020 semester due to the impact of the health crisis on students' education.

End of undergraduate transcript

In order to be considered official, the document must bear the University seal and the Registrar's signature.

I hereby certify that I have translated this document from French to English and that, to the best of my knowledge, it is a true and accurate translation.

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Capitale-Nationale Region
February 2, 2022

GRADING SCALE

TOWARDS UNDERGRADUATE STUDIES	GRADE	NUMERICAL VALUE	TOWARDS GRADUATE STUDIES
excellent	A+ A A-	4.3 4.0 3.7	excellent
very good	B+ B B-	3.3 3.0 2.7(1)	good
good	C+ C	2.3 2.0(a)(2)	acceptable
	C-	1.7	
acceptable	D+ D	1.3 1.0(b)	failure
poor (failure)	E*	1.0(c)	
	E	0.5	
none (failure)	F	0.0	
failure due to absence	F*	0.0	

As of September 1, 1989 (Faculty of Law: September 1990)

University schedules and regulations can be viewed at www.registraire.umontreal.ca.

Clarifications for undergraduate studies:
(a) Passing grade for a program.
(b) Passing grade for a course and maximum grade for a retaken examination.
(c) On probation, failure upon retaking a passed class.

Clarifications for graduate studies:
(1) Minimum passing grade for a program.
(2) Minimum grade for a course.

OTHER GRADES WITHOUT NUMERICAL VALUE

AC : accepted	**CMP** : complete	**EXE** : exemption	**REM** : submitted
ABA : dropped	**(E)** : failure	**INC** : incomplete	**(S)** : success
ACC : completed	**EF** : subjective eval.	**ND** : not submitted	**SE** : no evaluation
AJ : adjourned	**EPR** : in progress	**R** : passed	**SN** : no grade
ATN : awaiting grade	**EQV** : equivalence	**REF** : rejected	

GENERAL DEFINITIONS

Path	There are two possible paths: undergraduate and graduate
Credit	Represents 45 hours dedicated to one educational activity, including, if applicable, the hours of personal work deemed necessary by the University.
Average per program of study (cumulative avg.)	The weighted average of the courses in a program of study. It is rounded to the first decimal to determine the student's progress as described in the *Règlement des études de premier cycle* and the *Règlement pédagogique de la Faculté des études supérieures et postdoctorales.*
Semester average	The weighted average of all courses in a semester.
Semester	Fall (September 1 to December 31) Winter (January 1 to April 30) Summer (May 1 to August 31)

DEFINITIONS SPECIFIC TO THE TRANSCRIPT

Contributing credits	Total credits that contribute to the cumulative average for the program of study.
Credits obtained	Total credits obtained under a program of study.
Date awarded	Date on which a degree, diploma or certificate is recommended by the Faculty Board and subsequently granted by the University Council. The date of the University Council meeting appears only on the parchment.
Avg.	Total credits used to calculate the average.
Points	The numerical value of the grade multiplied by the number of credits in a course. Used to calculate weighted averages.

Alteration or falsification of this document may lead to sanctions.

University of Montréal – Office of the Registrar
P.O. Box 6128, Centre-Ville Station, Montréal, QC, Canada H3C 3J7

Updated: January 9, 2019

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Capitale-Nationale Region
February 2, 2022