Hung Nguyen

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HIGHLIGHTS OF QUALIFICATIONS

- Experienced in Full-stack web development with front-end JavaScript frameworks, including React, Angular, as well as back-end development with Spring, Node.js.
- Skilled in Object-Oriented Programming (OOP) with proficiency in Java, C#, and Python.
- Currently enrolled in the Software Engineering Technology at Centennial College.
- Continuously enhancing skills through hands-on projects and regular LeetCode practice to sharpen problem-solving and coding abilities.
- Proficient in identifying and analyzing issues and bugs in software applications.

EXPERIENCE

Software Researcher – Solar Panel Project (ARIES Centennial College | May 2023 – August 2023)

- Collect and research data, formula for Solar Irradiance, Solar Power.
- Implementing functions and algorithms from collected data using Python, JavaScript to perform calculation in Solar PV Efficiency and Accuracy.
- Review and propose suggestion, improvement for client to form new business in Solar PV System Designing.

Programming Tutoring and Peer Support (Centennial College | Sept 2022 – Now)

- Proficient in tutoring and providing academic assistance to fellow students in math, C#, and JavaScript programming.
- Ability to explain complex concepts in a clear and accessible manner.
- Motivating and encouraging peers to excel in their studies.

Electronics Technician (Fortress Technology | Nov 2021 – July 2022)

- Assembly, testing, and calibration of metal detectors for accurate and reliable performance.
- Conducting quality assurance checks, ensuring defect-free metal detectors for customer satisfaction.

Programming Skills

Programming Languages:	JavaScript, Java, C#, Python, HTML, CSS, Typescript
Database:	Oracle SQL, MySQL, MongoDB
Frameworks:	Spring MVC, React, Angular, Flask, Node.js, Next.js, Express.js
Version Control:	Git, GitHub
Other:	Linux/Unix Command-line, Bash Shell script, REST API

EDUCATION

Software Engineering Technology (Centennial College | Sept 2022 - Now)

GPA: 4.4 / 4.5

Toronto, ON, Canada

Projects And Activities

Team Project: Online Survey Website with Angular and MongoDB

- Took on the role of Lead Engineer in a group project, guiding the team in the development of an Online Survey Website using Angular and MongoDB.
- Led the successful implementation of technical solutions and ensured seamless integration of Angular and MongoDB for a robust and user-friendly website.

Project: Employee Management System with EJS and Oracle SQL

- Utilized EJS to create dynamic user interfaces for the Employee Management System, enhancing user experience.
- Demonstrated expertise in Oracle SQL, effectively managing databases for efficient data storage and retrieval

Project: Personalized portfolio website with Next.js

- Developed and deployed a personalized portfolio website using Next.js, offering an efficient and SEO-friendly single-page application
- Show case details professional experiences and projects with high-performance, interactive, and fast-loading portfolio site.

LeetCode Problem Solving

- Consistently devoted time to LeetCode practice, improving problem-solving skills and coding proficiency.
- Engaged in solving diverse coding challenges and algorithms to enhance software development capabilities.

Hackathons

- Took part in prestigious hackathons like "Hack the North", school, clubs and online hackathons.
- Demonstrated strong teamwork, creativity, and problem-solving abilities to develop innovative software projects under time pressure.

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Student: Hung Manh Nguyen
ID: 301294266
Date Issued: 05-SEP-2023
Level: Post Secondary

Issued To: Hung Nguyen

Course Level: Post Secondary
Student Type: Returning Regular
Only Admit: Fall 2022

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS

TRANSFER CREDIT ACCEPTED BY THE INSTITUTION:

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
0000		Seneca College			
COMM	170	College Communications 2	3.000	TCR	
GNED	105	Contemporary Canada	3.000	TCR	
GNED	134	Evolution,Genetics/Repro	3.000	TCR	
MATH	175	Functions & Number Systems	3.000	TCR	

Ehrs: 12.000 QPts: 0.000
GPA-Hrs: 0.000 GPA: 0.000

INSTITUTION CREDIT:

Fall 2022
  Eng. Tech. & Applied Science
  Software Eng Technology

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COMP	100	Programming 1	4.000	A+	18.000
COMP	120	Software Engineering Fundament	4.000	A+	18.000
COMP	213	Web Interface Design	4.000	A+	18.000
ENGL	253	Advanced Busn. Communications	3.000	B+	10.500
GNED	500	Global Citizenship	3.000	A+	13.500
MATH	185	Discrete Mathematics	3.000	A	12.000

Institution Information continued:

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
MATH	210	Linear Algebra & Statistics	4.000	A	16.000

Ehrs: 25.000 QPts: 106.000
GPA-Hrs: 25.000 GPA: 4.240

Winter 2023
  Eng. Tech. & Applied Science
  Software Eng Technology ODL

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COMP	122	Introduction To Database Conce	4.000	A+	18.000
COMP	123	Programming 2	4.000	A+	18.000
COMP	125	Client-Side Web Development	4.000	A+	18.000
COMP	216	Networking for Sftwr Dvlprs	4.000	A+	18.000
COMP	225	Software Requirements Engng	4.000	A+	18.000
COMP	301	Unix/Linux Operating Systems	4.000	A+	18.000

Ehrs: 24.000 QPts: 108.000
GPA-Hrs: 24.000 GPA: 4.500

Summer 2023
  Eng. Tech. & Applied Science
  Software Eng Technology ODL

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COMP	214	Advanced Database Concepts	4.000	A+	18.000
COMP	228	Java Programming	4.000	A+	18.000

Enrolment Services
P.O. Box 631, Station A
Toronto, Ontario   M1K 5E9

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OFFICIAL SIGNATURE

OFFICIAL TRANSCRIPTS BEAR SIGNATURE STAMP
OF THE REGISTRAR OR DESIGNATE

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
		Institution Information continued:			
COMP	229	Web Application Development	4.000	A+	18.000
COMP	246	Software Systems Design	4.000	A+	18.000
COMP	311	Software Testing & Quality	4.000	A+	18.000

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 Ehrs:        20.000 QPts:           90.000
 GPA-Hrs:     20.000  GPA:            4.500
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Fall 2023
IN PROGRESS WORK

CNET	307	IT Project Management	3.000	IN PROGRESS	
COMP	212	Programming 3	4.000	IN PROGRESS	
COMP	231	Software Development Project 1	4.000	IN PROGRESS	
COMP	254	Data Structures and Algorithms	4.000	IN PROGRESS	
COMP	255	Bsns & Entrepreneurship - SET	3.000	IN PROGRESS	
COMP	304	Mobile Apps Development	4.000	IN PROGRESS	
COOP	421	Employment Preparation	1.000	IN PROGRESS	

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             In Progress Credits        23.000
*********************** TRANSCRIPT TOTALS ***********************
INSTITUTION    Ehrs:        69.000 QPts:          304.000
               GPA-Hrs:     69.000  GPA:            4.405

TRANSFER       Ehrs:        12.000 QPts:            0.000
               GPA-Hrs:      0.000  GPA:            0.000
 ************ End of Post Secondary Academic Record ************
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EXPLANATORY NOTES:

* Established in 1966, Centennial College of Applied Arts and Technology is the first college of applied arts and technology incorporated by the Government of Ontario, Canada.

Transfer Credits (Advance Standing)
Courses taken at another institution (or work experience in special circumstances) prior to admission into Centennial College, and recognized as part of the student's program are listed on the transcript. These courses are not entered into the calculation of the grade point average. If grades for transfer-credit courses are required, the student must request a transcript directly from the institution concerned.

Release of Information
The Freedom of Information and Protection of Privacy Act which was introduced in 1987 by the government of Ontario, Canada, prohibits the release of this record or disclosure of its contents to any third party without the written consent of the student.

Course Title
The course title is the descriptive name of the course.

GRD (Grade)
The grade is a rating or evaluation of a student's achievement in a course. At Centennial College, grades are expressed on a letter scale. Only courses graded with A+, A, B+, B, C+, C, D+, D, F and U are used in the calculation of grade-point average (GPA).

CRED (Credit Hours)
A credit hour is the unit by which the institution measures its course work.

AHRS (Attempted Hours)
These are the number of academic credit hours assigned to a course in which the student enrolled and received a grade. Attempted hours are not included for a course in which a grade of WNP (withdrew without academic penalty) is assigned.

EHRS (Earned Hours)
These are the number academic credit hours earned that will apply to the student's certificate or diploma requirements.

GPA-Hrs (GPA Hours)
These are academic credit hours used in calculating the student's grade point average (GPA).

Grade-Point
The numerical value (see grade system) assigned to a letter grade in order to provide a basis for quantitative determination of a grade-point average (GPA).

QPts (Quality Points)
These are calculated based upon the quality hours and grades received. Each grade has a fixed number of grade points associated with it. When a student is graded, the grade points for grade are multiplied by the quality hours to derive the quality points. The quality points are then divided by the quality hours to determine the grade-point average (GPA).

GPA (Grade-Point Average)
This is a measure of scholastic performance over a set of courses obtained by dividing the sum of the quality points by the total number of the quality hours.

"I" Grade (Incomplete)
An "I" grade indicates the student was doing satisfactory work, but was unable to complete required course work for some reason beyond his/her control. The student has up to 12 calendar months after the scheduled end of the course to complete required additional work as determined by the teacher who assigned the "I" and to thereby qualify for a passing grade. After 12 calendar months outstanding "I" grades are converted to "F" or "U", and thereafter, the course must be repeated to achieve a passing grade.

R (Repeat Indicator)
When a course is repeated, the repeat indicator identifies which course is included in the GPA calculation. A value of "I" indicates that the course was included in the calculation. A value of "E" indicates the course was excluded from the GPA calculation.

Authenticity of Transcript
This transcript format was introduced by Centennial College in the Summer semester of 2006. The transcript is official if the signature of the registrar or designate appears at the upper right side on the face of the transcript. When an official printed transcript is copied in colour or in black and white, the word COPY appears prominently across the face of the entire document. A black and white document is NOT an original.
An electronic copy is considered official when issued through myCreds.ca.

GRADE SYSTEM EFFECTIVE SUMMER SEMESTER 2006

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A+	Outstanding Achievement	90-100	4.5
A	Excellent Achievement	80-89	4.0
B+	Very Good Achievement	75-79	3.5
B	Good Achievement	70-74	3.0
C+	Satisfactory Achievement	65-69	2.5
C	Acceptable Achievement	60-64	2.0
D+	Pass	55-59	1.5
D	Pass	50-54	1.0
F	Failure	0-49	0
FNA	Failure Non-Attendance		*
P	Pass (GPA Neutral)		*
I	Incomplete		*
CIP	Course in Progress		*
AEG	Aegrotat Standing		*
AUD	Audit Status		*
GNR	Grade Not Reported		*
NR	Grade Not Yet Reported		*
SUB	Substitution of One Required Course by Another		*
WNP	Withdraw Without Academic Penalty		*
NGR	No Grade Required		*
TCR	Transfer Credit		*
EXW	Exceptional Waiver		*

* Not computed in GPA

GRADE SYSTEM USED PRIOR TO SUMMER SEMESTER 2006

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A+	Outstanding Achievement	90-100	4.5
A	Excellent Achievement	80-89	4.0
B+	Very Good Achievement	75-79	3.5
B	Good Achievement	70-74	3.0
C+	Satisfactory Achievement	65-69	2.5
C	Acceptable Achievement	60-64	2.0
D+	Pass	55-59	1.5
D	Pass	50-54	1.0
U	Unsatisfactory	0-49	0
I	Incomplete		*
S	Satisfactory (GPA Neutral)		*
CIP	Course in Progress		*
AEG	Aegrotat Standing		*
AUD	Audit Status		*
GNR	Grade Not Reported		*
SUB	Substitution of One Required Course by Another		*
WNP	Withdraw Without Academic Penalty		*
NGR	No Grade Required		*
TCR	Transfer Credit		*
EXW	Exceptional Waiver		*
NR	Grade Not Yet Recorded		*

* Not computed in GPA

** GPA Note: The grade system introduced in Fall 1992 allows for a maximum GPA of 4.5 The maximum GPA under the previous system was 4.0 hence, should a student's performance be graded by both old (pre-Fall'92) and new (effective Fall'92) grade systems, the maximum GPA avilable to this student is "more than 4.0 but less than 4.5" To accurately assess the student's performance, the reader should refer to "Current GPA" which is a per semester GPA and which is restricted to one grade system

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GRADE SYSTEM USED PRIOR TO FALL SEMESTER 1992
Primary Grade System

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A	Consistently Outstanding Achievement	80-100	4
B	Very Good Achievement	70-79	3
C	Acceptable Achievement	60-69	2
D	Below Average Achievement	50-59	1
X	No Grade	0-49	0
E	Equivalent Substitute/Waivers		
I	Incomplete		
J	Successful Completion Special Interest Course Only		
K	Course Cancelled by the College		
Q	Approved Equivalent Course Taken External to Centennial College		
R	Registered Auditor		
S	Duration of this Course Continues Beyond the Period Covered by this Grade Report		
W	Withdrawal in Good Standing		
Z	Advanced Standing		
GU	Grade Unavailable		

Apprenticeship Grade System

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A	Excellent	81-100	4
B	Above Average	66-80	3
C	Average	53-65	2
D	Below Average	48-52	1
F	Failure	0-47	0
GU	Grade Unavailable		