

Tasnim Bari Noshin

• **Phone:** 416-735-3940

• **Address:** 174 Boom Road, Maple, ON, L6A 3X9

• **Email:** tasnimbari12@gmail.com

EDUCATION

Bachelor of Applied Science, Computer Science (Overall CGPA of 3.5 out of 4)
McMaster University

Sept 2015 – June 2019

Relevant Courses: Computer Architecture, Algorithms and Data Structures, Databases, Operating Systems, Computer Networks and Security, Human Computer Interfaces, Web Systems, Syntax Based Tools and Compilers.

WORK EXPERIENCE

Administrative Assistant (Accounting Department), LCD Mechanicals Inc

Aug 2020 – Present

- Collaborated with senior accountant and assisted with all matters that affect the flow of information from the accounting system, QuickBooks to correct past deficiencies, reconcile and balance all accounts, analyze financial data, and produce financial and trading reports.
- Successfully carried out payroll consisting more than 100 employees accurately and in a timely manner every week.
- Supported the health and safety department to carry out all the necessary steps and solutions to submit the yearly audit.

Undergraduate Teaching Assistant - Practice and Experience, McMaster University

Jan 2019 – Apr 2019

- Assisted lecturer with the construction and delivery of course material, graded all labs and provided constructive feedback.
- Administered tutorials to reinforce comprehension of course material, deliverables, and implementation and debugging of programs.
- Nominated for 'Best TA Award' by McMaster Computing and Software Society for establishing exemplary relationships with students and helping them to adapt with dynamic and technically challenging learning environment.

Quality Assurance Intern, Advanced Micro Devices

May 2018 – Aug 2018

- Created BASH scripts to execute automated testing utilizing the weekends and was able to complete a week prior to the deadline.
- Executed regression testing to collect data to model performances of GPU under various conditions for quality control purposes.
- Developed information management system, making required data accessible and visualize test reports for data quality analytics.

Computer and Software Outreach Director, McMaster University

May 2017 – Aug 2017

- Delivered STEM-oriented workshop for 1000+ school student through animation and simple games using functional programming.
- Created activities to facilitate understanding of Mathematics and Scientific principles and intrigue, interest in STEAM at a young age.
- Provided training for over 50 mentors and lead the team to develop special STEAM activities to optimize the learning experience.

PROJECT EXPERIENCE

Research Engineer, Syntax Based Tools and Compilers – Research Project

Jan 2019 – Apr 2019

- Collaboratively conducted a research to evaluate the cost and benefits of replacing exact matching algorithm with an approximate matching algorithm for added functionality.
- Developed a new approximate matching algorithm using Python as a test subject to increase the accuracy of the analysis.
- Compared the runtimes and complexities of both algorithms and proved that exact matching algorithm is more efficient.

Software Developer, Computer Networks and Security – Design Project

Jan 2018 – Apr 2018

- Created a miniature peer-to-peer file sharing app that lets peers send files to each other and synchronizes their files by tracking them.
- Applied design thinking principles and object-oriented programming along with knowledge of peer-to-peer architecture to develop a File Synchronizer and Tracker to maintain file sharing between peers.

Back-End Developer, Computer Science Practice and Experience – Final Project

Jan 2017 – Apr 2017

- Developed a desktop application that enables users to find jobs that match their profile, using open-source database.
- Implemented Binary Searching, Merge Sorting and Breadth First Graphing for searching jobs within a simple GUI, showing a sorted data output, and mapping them according to potential match, respectively.
- Collaborated with an agile development team and followed software development lifecycle methodology to execute the project.

SKILLS & CORE COMPETENCIES

- **Programming/Coding:** Python, Java, Swift, ELM, C, Scripting, VBA, Pandas, CSS, HTML, PHP.
- **Utilities:** Windows, Linux/UNIX operating system, GitHub, Bash, XCode, Eclipse IDE, LaTeX, iOS, SQL, MS Excel.
- **Knowledge:** Basics of Machine Learning, Financial Terminologies, Basic Statistics Concepts.
- **Transferable Skills:** Passionate about Data Analytics, Critical Thinking, Team Player, Problem Solving.

CERTIFICATIONS

• **IBM Data Science Professional Certificate**

Dec 2020 - Present

Issued To:
Tasnim Noshin

Name:	Student ID No:	OEN:	Birth Day:	Print Date:
Tasnim Noshin	400043624		12 June	06 November 2019

Transcript valid only if bearing the Registrar's Signature.

Degrees Awarded by McMaster University

Degree:	Bachelor of Applied Science
Plan:	Honours Computer Science
Confer Date:	14 June 2019

Beginning of Undergraduate Career Record

--- 2015 Fall ---

Program:	Engineering Degree Seeking
Plan:	Computer Science 1 CO-OP (Year One)

Transfer Credit/Letters of Permission

Other Credits Applied Toward Engineering Degree Seeking

Subject/Course#	Title	Units	Grade
CLASSICS 1XXXX	CLASSICS 100 Level Unspecified	6.00	T
COMPSCI 2DM3	Discrete Math w/Applications I	3.00	T
ECON 1BB3	Intro:Macroeconom.	3.00	T
ECON 1B03	Intro:Microeconom.	3.00	T
PHYSICS 1XXXX	PHYSICS 100 Level Unspecified	3.00	T
Transfer Totals:		18.00	

Term Enrolment

Course	Title	Attm./Earned Units	Grade
ASTRON 1F03	Intro: Astron & Astrophys	3.00/3.00	C
COMPSCI 1JC3	Intro To Comput Thinking	3.00/3.00	A
MATH 1ZA3	Engineering Mathematics I	3.00/3.00	B+
PSYCH 1X03	Intro:Psych, Neurosci & Behav	3.00/3.00	B
WHMIS 1A00	Intro To Health And Safety	0.00/0.00	COM

Totals

Term Totals	Attm./Earned Units	GPA Units	Total Points	GPA
	12.0/12.0	12.0	99.0	8.3

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Tasnim Noshin

Student ID No:
400043624

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Birth Day:
12 June

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06 November 2019

--- 2016 Winter ---

Program: Engineering Degree Seeking
Plan: Computer Science 1 CO-OP (Year One)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMPSCI 1MD3	Introduction To Programming	3.00/3.00	B
COMPSCI 1XA3	Cs Practice&Exper:Basic Concp	3.00/3.00	A
MATH 1ZB3	Engineering Mathematics II-A	3.00/3.00	B
MATH 1ZC3	Engineering Mathematics II-B	3.00/3.00	B+

Totals

	Attm./Earned Units	GPA Units	Total Points	GPA
Term Totals	12.0/12.0	12.0	108.0	9.0

Academic Standing: Good Standing

--- 2016 Spring/Summer ---

Program: Engineering Degree Seeking
Plan: Computer Science 1 CO-OP (Year One)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMMERCE 1AA3	Introductory Financial Accting	3.00/3.00	A-
COMPSCI 4Z03	Directed Readings	3.00/3.00	A

Totals

	Attm./Earned Units	GPA Units	Total Points	GPA
Term Totals	6.0/6.0	6.0	63.0	10.5

--- 2016 Fall ---

Program: Engineering Bach. Comp Sci
Plan: Computer Science CO-OP (Honours Co-op)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMMERCE 1BA3	Organizational Behaviour	3.00/3.00	C

Name: Tasnim Noshin Student ID No: 400043624 OEN: Birth Day: 12 June Print Date: 06 November 2019

COMPSCI 2GA3	Computer Architecture	3.00/3.00	A
COMPSCI 2S03	Principles Of Programming	3.00/3.00	B+
COMPSCI 2XA3	Cs Pract & Exp:Software Dev	3.00/3.00	A+

Totals

	Attm./Earned Units	GPA Units	Total Points	GPA
Term Totals	12.0/12.0	12.0	111.0	9.3

--- 2017 Winter ---

Program: Engineering Bach. Comp Sci
Plan: Computer Science CO-OP (Honours Co-op)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMPSCI 2C03	Data Struct & Algorithms	3.00/3.00	A-
COMPSCI 2FA3	Discrete Math w/Applicatns II	3.00/3.00	A+
COMPSCI 2ME3	Intro To Software Development	3.00/3.00	C
COMPSCI 2XB3	Cs Pract & Exp:Theory To Prac	3.00/3.00	A

Totals

	Attm./Earned Units	GPA Units	Total Points	GPA
Term Totals	12.0/12.0	12.0	114.0	9.5

Academic Standing: Good Standing

--- 2017 Fall ---

Program: Engineering Bach. Comp Sci
Plan: Computer Science CO-OP (Honours Co-op)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMPSCI 3DB3	Databases	3.00/3.00	A-
COMPSCI 3IS3	Information Security	3.00/3.00	C+
COMPSCI 3MI3	Prncpl: Programming Languages	3.00/3.00	A
COMPSCI 3SD3	Concurrent Systems	3.00/3.00	A-

Totals

Name: Tasnim Noshin Student ID No: 400043624 OEN: Birth Day: 12 June Print Date: 06 November 2019

Term Totals	Attm./Earned Units 12.0/12.0	GPA Units 12.0	Total Points 111.0	GPA 9.3
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--- 2018 Winter ---

Program: Engineering Bach. Comp Sci
Plan: Computer Science CO-OP (Honours Co-op)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMPSCI 3AC3	Algorithms and Complexity	3.00/3.00	B-
COMPSCI 3I03	Communications Skills	3.00/3.00	A+
COMPSCI 3SH3	Operating Systems	3.00/3.00	A
COMPSCI 4C03	Computer Networks and Security	3.00/3.00	A-

Totals

Term Totals	Attm./Earned Units 12.0/12.0	GPA Units 12.0	Total Points 120.0	GPA 10.0
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Academic Standing: Good Standing
Term Honours: Deans' Honour List

--- 2018 Spring/Summer ---

Program: Engineering Bach. Comp Sci
Plan: Computer Science CO-OP (Honours Co-op)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
ENGINEER 2EC0	Engineering Work Term (Work Term Details Company: Advanced Micro Devices (AMD) Location: Markham, ON Position : Co-op Student Start Date: 2018-05-01 End Date: 2018-08-31)	0.00/0.00	COM

Totals

Term Totals	Attm./Earned Units 0.0/0.0	GPA Units 0.0	Total Points 0.0	GPA 0.0
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--- 2018 Fall ---

Program: Engineering Bach. Comp Sci
Plan: Computer Science CO-OP (Honours Co-op)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMPSCI 4HC3	Human Computer Interfaces	3.00/3.00	B
COMPSCI 4O03	Linear Optimization	3.00/3.00	A-
COMPSCI 4WW3	Web Systems And Web Computing	3.00/3.00	B
COMPSCI 4ZP6A	Capstone Project	0.00/0.00	MT
SOCPSY 1Z03	Intro To Social Psychology	3.00/3.00	A-

Totals

	Attm./Earned Units	GPA Units	Total Points	GPA
Term Totals	12.0/12.0	12.0	108.0	9.0

--- 2019 Winter ---

Program: Engineering Bach. Comp Sci
Plan: Computer Science (Honours)

Term Enrolment

Course	Title	Attm./Earned Units	Grade
COMPSCI 4TB3	Syntax-Based Tools&Compilers	3.00/3.00	A+
COMPSCI 4ZP6B	Capstone Project	6.00/6.00	A
SFWRENG 4GC3	Sens. Percep. Cogn	3.00/3.00	B

Totals

	Attm./Earned Units	GPA Units	Total Points	GPA
Term Totals	12.0/12.0	12.0	126.0	10.5

Approved for Graduation on 09 May 2019

Academic Standing: Clear to Graduate
Term Honours: Deans' Honour List

End of Undergraduate Career Record

Name:
Tasnim Noshin

Student ID No:
400043624

OEN:

Birth Day:
12 June

Print Date:
06 November 2019

End of Student Unofficial Transcript