

AFSANE BAGHESTANI



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Date of birth: 21.4.1996

Sex: Female

Education and degrees

- 2021 – 2023 **M.Sc. in Computer Science**, University of Manitoba (UofM-
(Expected) [Ranked in Times Higher Education 301-350th](#)), Winnipeg / Canada
GPA: **4.1** / 4.5 (15 / 15 Units are passed)
Thesis title: Evaluating the impact of mixed-age and same-age collaborative learning on older adults' exploration pattern of feature-rich software
- 2014 – 2018 **B.Sc. in Computer Engineering - Information Technology**, Amirkabir University of Technology (AUT- [Ranked in Times Higher Education 501-600th](#)), Tehran / Iran
GPA: 17.22 / 20 – (**3.6** / 4)
GPA of last 60 units: 17.75 / 20 – (**3.75** / 4)
GPA of laboratory courses: 19.85 / 20 – (**4** / 4)
Thesis title: Design and Implementation of Vulnerability Assessment and Monitoring System (Grade: 20 / 20)
- 2016 – 2020 **B.Sc. in Industrial Engineering**, Amirkabir University of Technology (AUT- [Ranked in Times Higher Education 501-600th](#)), Tehran / Iran
GPA: 17.35 / 20 – (**3.6** / 4)
- 2010 – 2014 Diploma in Mathematics and Physics, Homayoun High School, Tehran / Iran
GPA: **19.75** / 20

Work experience

Sep 21 – Apr 22 (Expected)	Marker/Grader of Human Computer Interaction course (3rd year course for undergraduate students) at the University of Manitoba
Fall 2021	IST (Information Services and Technology) desk assistant at the University of Manitoba
Summer 2020	English-Persian translator at Tarjomic (The biggest online platform in Iran that provides high-quality professional human translation of over 30 languages.)
Summer 2017	B.Sc. Internship Program – Java Programming at Behpardakht Mellat Co. (Ranked 16rd among the 150 world largest companies of electronic payment service provider)

Volunteer Work

Aug 21 – Aug 22 (Expected)	Vice president of student services at UMISA (University of Manitoba Iranian Student Association)
Oct 21 – Apr 22 (Expected)	Digital coach at Gluu Society (a Canadian nonprofit organization, helping older adults get digital skills)

Programming and related skillset

- **Programming Languages:** Android, Java, C++, Python, SQL, R.
- **Front End Design:** CSS, Java Script, HTML.
- **Hardware Description Languages:** VHDL, Verilog.
- **Operating Systems:** Windows, Linux (Ubuntu).
- **Familiar with:** Design of Optimization Algorithm, Relational Data Base, Agile Algorithm for System Analysis and Design, Electronic Commerce, SWOT, Simplex Algorithm, Design and Evaluation of Interactive Computing Systems.
- **Miscellaneous:** Microsoft Office, Overleaf, Mendeley, Graphviz, VMware, Gather.town.

Honors and awards

- 3rd place winner (group of five student) in “Sprint to Innovate” event presented by city of Winnipeg in Apr 2022.
- Faculty of Graduate Studies Research Completion Scholarship (Based on excellence in graduate studies) in 2021 offered by the University of Manitoba
- International Graduate Student Entrance Scholarship (IGSES) in 2021 offered by the University of Manitoba
- Selected as **exceptionally-talented student** eligible to study two B.Sc. majors simultaneously at AUT (Industrial Engineering as second study major)
- Among **top 0.6%** participants in the “National University Entrance Exam” in Mathematics and Physics (among 223000 participants), summer 2014.
- Among **top 1%** students at high school acknowledged by IRI’s Ministry of Education.

Language skills

- English: IELTS (Academic) band score **7.5 / 9**
Speaking: 7/9 Listening: 9/9 Reading: 8/9 Writing: 6.5/9
- Persian (Farsi): Native

Additional trainings

Fall 2021	Part-Time Academic English Course: Research Writing for Graduate Students (30 Hours in length)
Summer 2020	Studied “Human-Computer Interaction I: Fundamentals & Design Principles” on EDX
Summer 2019	“Web Design and Programming” course, University of Tehran, Faculty of Engineering.
Fall 2018	“Sport Climbing Internship” course, IRI’s Mountaineering and Sport Climbing Federation.