

## EDUCATION

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- University of Calgary** Sept. 2019 - Current  
M.Sc. in Computer Science, GPA: 4.00/4.00  
– Supervisor: Dr. Philipp Woelfel  
– Expected Graduation Date: Apr. 2021
- Ferdowsi University of Mashhad** Sept. 2015 - July 2019  
B.Sc. in Computer Engineering, GPA: 19.45/20.00  
– Thesis: [Influential Post Identification on Instagram through Caption and Hashtag Analysis](#)  
– Ranked 1<sup>st</sup> based on GPA in the Enrolling Class of 2015

## PROGRAMMING SKILLS

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- **Programming Languages:** C/C++, Python, Java, Matlab
- **Frameworks and Libraries:** Scikit-Learn, OpenCV, Gensim, NLTK, Spring Framework
- **Tools:** LaTeX, Git, MySQL, PyQt

## EXPERIENCE

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- University of Calgary** Calgary, Canada  
Teaching Assistant  
– CPSC 413: Design and Analysis of Algorithms Winter 2020  
– CPSC 319: Data Structures, Algorithms, and Their Applications Winter 2020
- Ferdowsi University of Mashhad** Mashhad, Iran  
Teaching Assistant  
– Design and Analysis of Algorithms Fall 2018 - Winter 2019
- Ferdowsi University of Mashhad** Mashhad, Iran  
President of Competitive Programming Club Sept. 2017 - Sept. 2018  
– Instructor of Data Structures and Algorithms  
– Coordinator of Competitive Programming Contests
- Hasheminejad and Farzanegan Highschool** Mashhad, Iran  
Instructor of Olympiad in Informatics Jan. 2016 - July 2019  
– Combinatorics, Graph Theory, Data Structures, and Algorithms

## HONORS AND AWARDS

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- **2<sup>nd</sup> Place** in Alberta Collegiate Programming Contest (ACPC 2019), Held at University of Calgary Nov. 2019
- **Gold Medal (4<sup>th</sup> Place)** in ACM-ICPC (International Collegiate Programming Contest) Rocky Mountain Regional Contest (RMC 2019), Held at University of Alberta Oct. 2019
- **Graduate Research Award** from University of Calgary for Excellent Academic Standing in Bachelor's Degree Sept. 2019
- **International Graduate Recruitment Award** from University of Calgary for Excellent Academic Standing in Bachelor's Degree Sept. 2019
- **Gold Medal (1<sup>st</sup> Place)** in National Scientific Olympiad for University Students in Computer Engineering, by Participating in Series of Exams among all Computer Engineering Students in Iran July 2018
- **Silver Medal (4<sup>th</sup> Place)** in ACM-ICPC Asia Tehran Regional Contest, Held at Sharif University of Technology Dec. 2017
- **Silver Medal (5<sup>th</sup> Place)** in ACM-ICPC Asia Tehran Regional Contest, Held at Sharif University of Technology Dec. 2016

## PUBLICATIONS

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1. **Bashari, B.**, & Fazl-Ersi, E. (2020). Influential post identification on Instagram through caption and hashtag analysis. *Measurement and Control*, 53(3–4), 409–415.
2. **Bashari, B.**, Ameli, A., Bigdeli, A., & Behkamal, B. (2019). Analyzing co-authorship patterns using frequent pattern extraction case study: Ferdowsi University of Mashhad. *International Conference of Web Research* 2019.