

# MARYAM VALIAN

## INSTRUCTOR

VALIANM@MCMASTER.CA

## OBJECTIVE

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Dedicated and experienced university instructor with a strong background in Computer Science, seeking a challenging position to contribute my expertise and passion for education.

## EXPERIENCE

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### Teaching Assistant

[McMaster University, Hamilton, Ontario, Canada] [2022] - [Currently]

- Assisted in the instruction of the following undergraduate courses: Database, and Computer Architecture.
- Conducted tutorials, graded assignments, and provided support to students.
- Collaborated with faculty to enhance course materials and improve the learning experience.

### University Instructor

[Azad University, and Payam Noor University, Karaj, Iran] [2012] - [2022]

- Taught the following courses to undergraduate students: Database, Data structure, Formal languages and automata, Computer architecture, Network and Routing( Cisco Router and switch configuration), Programming (C++, Java, Python), Web-based Programming (HTML& CSS)
- Developed and delivered lectures, designed course content, and assessed student performance.

## EDUCATION

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### Doctor of Philosophy (Ph.D.) in Computer Science

[McMaster University, Hamilton, Ontario, Canada] [2022] - [Expected Year of Graduation:2026]

### Master of Engineering in Software and Computer

[Azad University of Zanjan, Iran] [2009] - [2012]

### Bachelor of Engineering in Software and Computer

[Azad University of Zanjan, Iran] [2002] - [2006]

## LANGUAGES

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English (IELTS Score 7), French (A1), Persian (Native), Turkish (fluent)