

# Ali Farrokhtala

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## HIGHLIGHTS

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- Computer science expert with 5+ years of IT experience and a broad set of skills, including designing data pipelines to preprocess and analyze data and deploy machine learning models
- Comprehensive background in computer systems, networking, and communication via achieving an IT bachelor's degree, followed by master's and Ph.D. degrees in Computer Science
- Proficient in programming languages including Python, JavaScript, Java, C++, and full-stack web development including HTML, CSS, Node.js, React.js, Git, and Databases such as SQL
- Excellent verbal and written communication skills to be able to correspond on behalf of the organization, as well as excellent interpersonal and customer service skills
- Ability to work independently and as part of a team with excellent leadership skills and innovative critical thinking and problem-solving ability
- Multitasking skills, attention to detail, and a self-dependent fast learner

## RELATED ABILITIES

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***Machine Learning / Deep Learning / Data Analysis / Graph Theory and Complex Network / Recommendation System / Programming (Python, Java, JavaScript, HTML, CSS, Solidity) / Agile Software Development / Git / Latex / Database (SQL) / Unix Environment / Writing Report, Proposal and Paper / Public Speaking and Presentation / Customer Service***

## RELATED EXPERIENCE

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**Teaching / Research Assistant**, Memorial University, St. John's, NL 2015 – 2022

- Provide additional support to students and assist the professor
- Review teaching materials from more extensive lectures with individuals or small groups of students, grade papers, mark assignments and projects
- Conduct research in Computer Science, Machine Learning, and Social Network domain and publish findings in conferences, journals, or book chapters

**Instructional Assistant**, Memorial University, St. John's, NL 2022 – 2022

- Set up all required equipment and materials needed to help professors to prepare lessons and exercises in the lab and track attendance, and perform administrative tasks
- Support and reinforce lessons by providing supplemental one-on-one or group instruction during the hand-on exercises in the laboratories and review lessons for students
- Work closely with professors to identify student problems and develop appropriate strategies

**Lecturer**, Memorial University, St. John's, NL 2019 – 2019

- Prepare, teach, and deliver in-class lectures and group discussions
- Track student grades, take practical steps to ensure academic progress meets the recommended standard and provide educational and career advice
- Work closely with administrators to address the unique needs of students, such as different learning styles or other difficulties

**IT Technical Support (Remote)**, IntelliNet, Richmond, BC 2017 – 2022

- Install and configure hardware and software components
- Diagnose, repair, update and maintain computing systems and networking components
- Offer information and support to end-users and maintain relationships with admins
- Document performed tasks during the support ticket and delivered report and invoice
- Use positive language and clear communication while resolving technical issues

**Office Clerk / Data Entry (Part-time)**, CRA, St. John's, NL 2017 – 2022

- Sort mails and distribute to the relevant employees
- Maintain files and records while logging paper and digital documents
- Accurately track inventory using spreadsheets, databases, and other in-house software
- Comply with information security standards and practices, data backups procedures, and regular checkups to ensure the safety of stored data

**Network Technician**, TehranWiFi, Tehran, Iran 2010 – 2011

- Monitor successful functioning of network systems, analyze the traffic of LANs and WANs, troubleshoot, and resolve any network connectivity issues of ISP customers
- Evaluating user requirements and designing/installing network infrastructure, including on-premises systems, testing network access, and updating equipment firmware
- Collaborating with project management teams and constantly coordinating with clients

## VOLUNTEER EXPERIENCE

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**President**, Computer Science Graduate Society (CSGS), St. John's, NL 2016 – 2018

- Provide a communication channel and relaxed lodging environments for computer science students in which they can get together and discuss academic and non-academic subjects
- Manage other partners such as education, finance, or communication executive members
- Organize a diverse set of events such as welcome back to campus gatherings, movie and game nights, hands-on academic workshops, and computer programming tutorials
- Help students in tailoring their soft skills and holding entrepreneurship workshops

**Exhibit Assistant**, Science Rendezvous, St. John's, NL 2019 – 2019

- Helping children and parents to learn about Computer Science history during the Science Rendezvous expo

## EDUCATION

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**Computer Science, Doctor of Philosophy (Ph.D.)**, Memorial University, Canada 2015-2022

**Computer Science, Master's Degree**, University Technology Malaysia, Malaysia 2011-2013

**Information Technology, Bachelor's Degree**, Azad University, Tehran, Iran 2006-2010

## REFERENCES

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Available on request