

Zahra (Mona) Ghassemi

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TECHNICAL SKILLS

Languages:

- Java
- Python
- JavaScript
- ProcessingJS
- SQL (MySQL)

Operating Systems:

- Mac OS X
- Windows
- Ubuntu (Linux)

Web Design:

- HTML/CSS
- balsamiq (for wireframe/mockups)

Dev Tools / Text editors:

- Git
- Command line (Terminal)
- Emacs / Vim

Word Processing/Typesetting:

- Microsoft/Open Office
- Google Drive
- LaTeX

WORK-RELATED EXPERIENCE:

Programmer/Data Analyst

Lechowicz Lab, McGill University (Montreal, QC)

2014

- Translated code for an ecological simulation from Delphi (Pascal) to Python.
- Streamlined code and added comments to improve reusability.

Course Assistant (Logic and Computability)

McGill University (Montreal, QC)

2013

- Developed questions on formal logic for use in course assignments.

Teaching Assistant (Introduction to Computing)

McGill University (Montreal, QC)

2010-2012

- Evaluated programming assignments (Java).
- Responded to student questions during weekly office hours and on online discussion board.
- Taught and reviewed core course concepts with students during interactive tutorials.

Grader (Java)

Private Contract (Montreal, QC)

Summer 2011

- Assessed programming assignments (Java).
- Communicated with instructor to create an appropriate marking scheme.

Volunteer Tutor at McGill Computer Science Summer Camp

McGill University (Montreal, QC)

Summers 2010-2014

- Coached camp participants during programming activities.
- Adapted and delivered a lesson on the Java programming language.
- Coordinated a small team to ensure the smooth running of the biology section of the camp.

LEADERSHIP AND MANAGEMENT EXPERIENCE:

Reading Club Organizer and Discussion Lead

#BecauseWeveRead Montreal (Montreal, QC) and JooJoo Azad

2018-present

- Hosted monthly local events centred on the book of the month.
- Promoted events through social media and intentional outreach to POC/immigrant communities.
- Coordinated outreach to local bookstores and other potential partners.
- Applied for and received funding from community organizations.
- Communicated with an international team.

Robotics Team Leader for CRC competition

Vanier College (Montreal, QC)

2007-2009

- Constructed, with a team, a 12' by 12' kiosk to represent school during competitions.
- Arranged team meetings and divided tasks between members.
- Recruited team members and found replacements as necessary.
- Invited guest speakers to give talks to the team.
- Purchased materials and created illustrations for journal, website and video teams.

LANGUAGES SPOKEN AND WRITTEN:

- English (fluent)
- French (advanced)
- Farsi/Persian (fluent)

EDUCATION:

Master of Arts: Social and Cultural Anthropology

Concordia University (Montreal, QC)

2017

Bachelor of Science: Computer Science and Biology

McGill University (Montreal, QC)

2014

ADDITIONAL EDUCATION AND TRAINING:

Peer Support and Advocacy Training

Centre for Gender Advocacy

2017-2018

Leadership Certificate

GradProSkills, Concordia University

2017-2018

French Language Workshops - Level 5

GradProSkills, Concordia University

2017

CPR/First Aid Certification, Fire Safety/Evac-Chair, CERT Volunteer Training

Concordia University / Canadian Heart and Stroke Foundation

May-June 2018

EXTRA-CURRICULAR ACTIVITIES:

- Member of Reading Group (Anthropology of Iran) with Dr. Setrag Manoukian 2014-present
- Participant in Game-Curious Workshop Series and Game Jam Winter 2018
- Soccer Goalie (Montreal Muslim Women's Soccer League) 2011-2013
- Kung Fu (Montreal Fang Shen Do School) 2006-2008