

Alireza Ezaz

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EDUCATION

Brock University

Sep 2023 - Aug 2025

Master of Science in Computer Science

- Supervisor: Naser Ezzati-Jivan
- Thesis: TAAF: A Trace Abstraction and Analysis Framework Synergizing Knowledge Graphs and LLMs
- GPA: 4 / 4

Amirkabir University of Technology (Tehran Polytechnique)

Sep 2018 - Sep 2022

Bachelor of Science in Computer Engineering

- GPA: 18.11 out of 20 (3.92 / 4)
- Thesis: Design and Implementation of a Tool for Dependency Intensity Detection of Services in Cloud Systems
- Thesis Grade: 19.5 out of 20 (4 / 4)

EXPERIENCE

Cohere - Toronto, Part-Time Contract, Remote

Sep 2024 - Present

Senior Data Quality Specialist

- Wrote perfect responses for coding prompts across various technologies, including SQL, Java, Python, HTML, JS, Data Science, and more.
- Compared different models' responses and provided detailed feedback based on best practices and optimization in coding.
- Evaluated and annotated AI-generated coding prompt responses to ensure they adhered to precise instructions while leveraging a diverse range of programming languages and technologies.
- Reviewed and validated work of other annotators across a team of 40 people, ensuring consistency, accuracy, and high-quality standards.

DataAnnotation - United States, Freelance, Remote

Jan 2024 - Jul 2024

Data Annotator (Jan 2024 - Jul 2024)

- Evaluated and annotated AI-generated code responses to ensure adherence to specific instructions, enhancing the machine learning model's accuracy and efficiency.
- Provided detailed feedback on the truthfulness and relevance of AI responses, contributing to significant improvements in performance and reliability.
- Assessed the verbosity and clarity of AI-generated content, ensuring a balance between informativeness and conciseness.

Seventask - Tehran, Iran, Full-Time, On-Site

Sep 2020 - Dec 2022

Co Founder and Software Developer

- Co-founded SevenTask startup.
- Extensively contributed to developing the business model for the project.
- Implemented features of the web application such as Kanban, chat, login, etc.
- Developed skills in agile programming, problem-solving, and uncertainty management.
- **Technical Skills:** Angular, TypeScript, JavaScript, HTML, CSS, Git.
- **Soft Skills:** Time Management, Communication, Logical Thinking, Problem Solving.

Teaching Assistantships

Sep 2021 - Dec 2023

- **Brock University:** Introduction to Programming, Database Systems, Software Engineering and Software Testing & Analysis TAs (Sep 2023 - Apr 2024): Graded assignments, exams, and quizzes.
- **Iran University of Science and Technology (IUST):** Cloud Computing TA (Sep 2022 - Feb 2023): Designed homework and solved student problems.
- **Amirkabir University of Technology (Tehran Polytechnique):** Real-time Embedded Systems TA (Sep 2021 - Feb 2021): Prepared quizzes, designed homework, and assisted students.

Junior Software Engineer

- Collaborated with a team to develop a project management application.
- **Technical Skills:** C#, SQL Server, Git.
- **Soft Skills:** Teamwork, Time Management, Communication.

PUBLICATIONS

Analyzing Performance Variability in Alibaba’s Microservice Architecture: A Critical-Path-Based Perspective 2024

Companion of the 15th ACM/SPEC International Conference on Performance Engineering
Authors: Alireza Ezaz, Ghazal Khodabandeh, Naser Ezzati-Jivan
<https://dl.acm.org/doi/abs/10.1145/3629527.3651845>

Network Analysis of Microservices: A Case Study on Alibaba Production Clusters 2024

Companion of the 15th ACM/SPEC International Conference on Performance Engineering
Authors: Alireza Ezaz, Ghazal Khodabandeh, Naser Ezzati-Jivan
<https://dl.acm.org/doi/abs/10.1145/3629527.3651842>

Utilizing Graph Neural Networks for Effective Link Prediction in Microservice Architectures 2025

Proceedings of the 16th ACM/SPEC International Conference on Performance Engineering (ICPE '25)
Authors: Ghazal Khodabandeh, Alireza Ezaz, Majid Babaei, Naser Ezzati-Jivan
<https://dl.acm.org/doi/10.1145/3676151.3719362>

EVENT PARTICIPATION

AI Day at Brock University - 2023 - Thorold, Canada

- Participated in a university-wide event featuring 3-minute talks and a poster presentation on AI.
- **Volunteer Role:** Assisted in organizing the event and supporting participants by coordinating activities, providing guidance, and ensuring a welcoming and engaging environment.

Inotex - 2022 - Tehran, Iran

- Engaged in one of Iran’s prominent exhibitions for entrepreneurs and startups, showcasing innovative ideas.
- Presented "Seventask," a task management web application, demonstrating the project’s features and potential impact.
- Role: Participant and Presenter.

HONORS & AWARDS

Edgar and Irmgard Penner Trust Scholarship Dec 2024

Issued by Brock University
• Awarded to full-time international graduate students who achieve high academic standing and demonstrate financial need.

Best Poster Award Nov 2024

Issued by Brock University
• Recognized for the Best Poster Award at Brock AI Day 2024.

SKILLS

- **Programming:** Python (Pandas, NumPy), HTML, CSS, TypeScript, Angular, SQL, Arduino, Git.
- **Soft Skills:** Time Management, Teamwork, Problem-solving, Uncertainty Management.