

Research Interests Computational Biology
Bioinformatics

Web: <https://amirmohammadmazhari.ir>

Google Scholar Profile

<https://scholar.google.com/citations?user=nc99T0EAAAJ&hl=en>

ResearchGate Profile

<https://www.researchgate.net/profile/Amir-Mohammad-Mazhari>

ORCID iD

<https://orcid.org/0009-0009-7932-1299>

EDUCATION

- Master of Science in Computer Science and Engineering — Specialization in Artificial Intelligence (2026 – Present)
Shahid Beheshti University, Tehran, Iran.
Degree Specialization: Artificial Intelligence.
Admitted to the M.Sc. through a merit-based direct-admission pathway; ranked 2nd among 82 students in the undergraduate cohort at the Faculty of Computer Science and Engineering, Shahid Beheshti University, based on the university’s academic ranking for direct graduate admission.
- Bachelor of Science in Computer Engineering (2022 – 2026)
Shahid Beheshti University, Tehran, Iran.
GPA: 18.80 / 20
Thesis title: “Using the LiqBiMark Bioinformatics Computational Approach for the Identification of Non-Invasive Prognostic Biomarkers through Comprehensive Transcriptomic Datasets Analysis of Cancer”.
- High School Diploma, Mathematics And Physics (2016 – 2022)
National Organization for Development of Exceptional Talents (Sampad), Tehran, Iran.
Upper Secondary GPA: 19.56 / 20

JOURNAL

PUBLICATIONS

- **Amir Mohammad Mazhari**, Farshad Safaei, Mahsa Torkamanian-Afshar, and Ali Najafi. "LiqBiMark: An advanced bioinformatics pipeline for integrative transcriptomic analysis and identification of non-invasive prognostic biomarkers using GEO datasets." *Human Gene* (2025): 201490.
- Mahin Hosseininejad, Elham Mirzamohammadi, Yasser Labbafinejad, **Amir Mohammad Mazhari**, and Saber Mohammadi. "Comparison of the Work Ability Status in Manual and Office Workers—an Occupational Health Survey." *JOJ Pub Health* 2, no. 3 (2017): 555590.

- **Amir Mohammad Mazhari**. "Exploratory Transcriptomic Analysis of Colorectal Cancer: Identification of Highly Variable Genes and Co-expression Patterns." *Applied Medical Informatics* 47, no. 4 (2025): 121-138.
- **Amir Mohammad Mazhari**. "XPA-Express: A Python-Based Tool for Transcriptomic Data Analysis with Application to DNA Repair Deficiency." *Informatics in Biology, Health and Food* (2025): 78-98.

HONORS AND AWARDS

- Selected for the Shahid Vezvaei Program, Iran's National Elites Foundation, Iran, 2026.