Partow Roshani

Tehran, Shahid Beheshti University

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Education

Shahid Beheshti University   *Tehran, Iran   Sept 2023 – Current*
BSc in Computer Science

- Cumulative GPA: 19.28/20
- Courses: Basic Programming, Advanced Programming.

Alghadir High School   *Kish, Iran   July 2020 – July 2023*
Diploma of Mathematics and Physics

- Graduated with GPA **19.84/20**.

Work Experience

Alghadir High School   *Kish, Iran   Nov 2021 – Jan 2022*
Teacher Assistant

- Taught Physics, Chemistry

Projects

Telegram Clone   *Tehran, Iran*
Advanced Programming Final Project — Shahid Beheshti University

- Client–server architecture with custom JSON protocol and real-time event dispatcher.
- Private chats, groups, channels; owner/admin roles; message receipts (delivered/read).
- Media upload (images/audio), search/contacts, archived & saved chats; dark/light JavaFX UI.
- Code: https://github.com/PartowRoshani/Telegram-Final-Project

Genius-like Music Platform   *Tehran, Iran*
Advanced Programming Midterm Project — Shahid Beheshti University

- Entities & workflows for lyrics view/edit; follow artists to see new releases.
- Search, simple charts, and seeded demo data to validate the structure.
- Code: https://github.com/PartowRoshani/Nowruz_Project

Space Invaders (C++)   *Tehran, Iran*
Basic Programming course project — Shahid Beheshti University

- Frame-based game loop with keyboard controls, collision detection, and score tracking.
- Random enemy waves; lightweight ASCII rendering.
- Code: https://github.com/PartowRoshani/BP_Project

Skills

Programming
Java, C++, Python (NumPy, Matplotlib), Matlab ,SceneBuilder (JavaFX), PostgreSQL, Git/GitHub
Soft Skills
Time management, creativity, problem solving, presentation, teamwork, logistic / critical thinking

Achievements

Iran National University Entrance Exam (Konkur): Regional Rank **198**/41,279; National Rank   Iran **2,742**/147,317

Languages

English: Intermediate (IELTS Academic **5.5**)
Persian: Native proficiency