

# Alireza Amin Ranjbar

## Frontend Developer | Data Analyst

Portfolio-Website: <https://alireza-media.github.io/portfolio>

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## SUMMARY

Detail-oriented and highly adaptable developer with a strong academic background and hands-on experience in **Frontend Development**, **Data Analysis**, and **Process Automation**. Proficient in building responsive, user-focused web applications using **HTML**, **CSS**, and **JavaScript**, as well as leveraging **Python** for data-driven solutions, automation, and visualization. Demonstrated ability to work independently or as part of a team, with a proven track record of delivering clean, scalable code and meaningful insights. Actively expanding expertise in data engineering and modern frameworks to bridge the gap between technology and real-world problem solving.

## WORK EXPERIENCE

- **Freelance Frontend Developer and Data Analyst** [ 01/02/2022 – Current ]
  - Self-employed
    - Developed responsive websites using HTML, CSS, and JavaScript, delivering mobile-friendly user interfaces for personal and client projects.
    - Created automated workflows and web scraping scripts to collect and process large volumes of data efficiently.
- **Graduate Research Assistant** [ 01/02/2021 – 22/09/2021 ]
  - Imam Khomeini International University (Qazvin, Iran)
    - Published research outputs in a prestigious Q1 journal.
    - Guided students in developing impactful research projects.

## TECHNICAL SKILLS

- Python (NumPy, Pandas, Matplotlib, Jupyter, Seaborn)
- HTML5, CSS3, JavaScript
- Git & GitHub, VS Code, JSON, REST API
- SQL (Basics), Excel Automation with VBA
- Data Visualization & Web Scraping
- Bootstrap, Responsive Design
- EmailJS, GitHub Pages, Live Server
- Basic knowledge of React.js and Django (learning phase)

## LANGUAGE SKILLS

**English : IELTS Overall Band Score [ 10/03/2024 ] : 6.5**

- Listening : 6.5 , Reading : 6.5 , Writing: 6.5 , Speaking: 6.5

**Deutsch : A2 Level (Self Study)**

**Persian : Native**

## EDUCATION

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### Master Of Science in Construction Engineering and Management

[ 22/09/2017 – 29/01/2021 ]

- Imam Khomeini International University (Qazvin, Iran), <http://ikiu.ac.ir/en/>
- GPA: 1.5 (Final grade: 18.08 out of 20)
- Thesis: Cash Flow Risk Analysis Framework for Construction projects Based on 5D BIM
- Supervisor Dr. Ramin Ansari

### Bachelor Of Science in Civil Engineering

[ 20/01/2014 – 11/08/2017 ]

- University Of Zanzan (Zanzan, Iran), <http://www.znu.ac.ir/en>
- GPA: 2.4 (Final grade: 16.08 out of 20)

## PUBLICATIONS

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- [2021] Alireza Amin Ranjbar, Ramin Ansari, Roohollah Taherkhani, and M. Reza Hosseini.2021. "Developing a novel cash flow risk analysis framework for construction projects based on 5D BIM." Journal of Building Engineering 44:103341.
  - DOI : <https://doi.org/10.1016/j.jobbe.2021.103341>
  - Utilized VBA programming to extract and analyses data from Building Information Modeling (BIM) model
  - Used Mone-Carlo Simulation method for Risk Analysis
  - A real-case study project in Iran
- [2015] Mehdi Babaei, Alireza Amin Ranjbar. 2015. "Application of Analytical Hierarchy Procedure to Select the Best Roofing and Wall Partitioning Systems." International Journal of Applied Environmental Sciences 10 (5):1731-1741.
  - Contributed to research during undergraduate studies.