

## EDUCATION

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### B.Sc. in Computer (Software) Engineering

Islamic Azad University

**World ranking: #47** in Engineering 🔗

**Thesis Topic:** Bitcoin prediction app with Flutter and WebSocket 🔗

**Supervisor:** Dr. Seyed Javad Mirabedini

Tehran, Iran

Sep 2017 - Sep 2021

- GPA of the last two years is **17.95/20 (3.59/4.00)**.

### Pre-University and Diploma of Mathematics and Physics

Daneshfar High School

Tehran, Iran

Oct 2013 – Jun 2017

- Diploma GPA of **17.90/20**.
- Pre-University GPA of **18.15/20**.

## RESEARCH INTERESTS

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- Software Engineering
- Computer Games
- Mobile Apps
- Human Computer Interaction
- Data Science and Big Data
- Data Analytics
- Computer Graphics
- Databases
- Data Mining - Web Mining - Text Mining

## SELECTED COURSES

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- Software Engineering (19/20)
- Databases Laboratory (20/20)
- Human Computer Interaction (19/20)
- Operating System Laboratory (19/20)
- MATLAB Programming Workshop (20/20)
- Object Oriented System Design (20/20)
- Internet Engineering (19/20)
- Formal Methods in Software Engineering (20/20)

## HONOR & AWARD

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- **National Entrance Examination** Jul 2017  
Ranked within the **top 9%** among more than 130,000 participants in the Iranian University Entrance Exam for Bachelor degree (Konkur)  
I participated in Math and Physics exam

## ACADEMIC PROJECTS

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- **TDD discipline with flutter** [🔗](#)  
Supervisor: Dr. Iman Attarzadeh [✉](#)
- **Bitcoin prediction app with Flutter and WebSocket** [🔗](#)  
Supervisor: Dr. Seyed Javad Mirabedini
- **Created a bank database** [🔗](#)
- **Compared top 10 local and global websites from UI/UX aspects** [🔗](#)
- **Developing a website based on HCI course overall gained knowledge** [🔗](#)
- **Costs of duct and access point in a particular area** [🔗](#)

## ACADEMIC PRESENTATIONS

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- **Image processing in MATLAB** [🔗](#)
- **Designing a communication protocol between sender and receiver using Formal Methods** [🔗](#)
- **Web mining and web usage mining** [🔗](#)
- **Big data, data science and data mining** [🔗](#)
- **Data science methodology** [🔗](#)

## CERTIFICATES

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|---|----------|
| • <b>Game Design and Development course by Coursera</b> <a href="#">🔗</a> | Aug 2021 |
| • <b>Tools for Data Science</b> <a href="#">🔗</a>                         | Aug 2021 |
| • <b>What is Data Science?</b> <a href="#">🔗</a>                          | Aug 2021 |
| • <b>SQL course by Sololearn</b> <a href="#">🔗</a>                        | Jun 2021 |
| • <b>PHP course by Sololearn</b> <a href="#">🔗</a>                        | Apr 2020 |
| • <b>jQuery course by Sololearn</b> <a href="#">🔗</a>                     | Apr 2020 |
| • <b>HTML course by Sololearn</b> <a href="#">🔗</a>                       | Mar 2020 |

## EXPERIENCES

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### – *Teaching*

#### **Teacher Assistant**

*TA of MATLAB Programming Workshop Course in Islamic Azad University*

Tehran, Iran  
Jan 2021 - Jul 2021

- Solved **final exam sample questions**  
also, recorded mentioned classes (almost **100** reviews) [🔗](#)
- Solved Students **Computational and Programming** problems
- Graded Students' Tasks
- Coordinated classes of almost **100** students
- Defined a work-flow according to their points of view  
and taught them how to code based on it

### – *Vocational*

#### **Flutter Junior Developer**

Position as a junior developer in a private company

Tehran, Iran  
Dec 2020 - Jun 2021

- Bitcoin Prediction app with Flutter and WebSocket [🔗](#)
- Supervisor: Dr. Seyed Javad Mirabedini
- Based on R&D

### Flutter Developer Internship

Position as an intern developer in Hamvarzeshi company

Tehran, Iran  
Jun 2020 - Dec 2020

- Gym app with Flutter and REST API [🔗](#)

### Front-End Senior Website Developer / UI-UX Designer

Senior front-end developer and designer in homa company

Tehran, Iran  
Mar 2020 - May 2020

- Homa bidding Website [🔗](#)

### Front-End Senior Website Developer / IT Woman

Senior front-end developer and designer in Mehraraseir Travel company

Tehran, Iran  
Sep 2019 - Feb 2020

- Designer and developer of Visaseven website [🔗](#)
- Designer and developer of Mehraraseir website [🔗](#)
- Working on these websites' SEO
- Creating posts for Instagram

### Front-End Junior Website Developer / Co-Founder

Junior front-end developer and co-founder at Dr.Motori startup

Tehran, Iran  
Jul 2018 - Jul 2029

- Front-end developer at Dr.Motori online shop for motorbikes part [🔗](#)
- Co-founder of Dr.Motori

## SKILLS

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### Programming

**Skilled in:** MATLAB, Python, SQL, Flutter, JavaScript, PHP, jQuery, HTML, CSS, Materialize CSS, Bootstrap, Shell Scripting

**Familiar with:** C++

**Social Skills:** Leadership, Teaching, Responsibility, Critical Thinking, Time Management, Creativity in Problem Solving

**Other Skills:** Linux, SEO, Adobe Photoshop, UML, Git,  $\text{\LaTeX}$

## LANGUAGES

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- **English:** Full professional proficiency *IELTS: To be taken soon*
- **German:** Intermediate Level
- **Persian:** Native proficiency

## HOBBIES / VOLUNTARY WORK

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- Gathering money for charity
- Playing PC Video Games
- Playing Soccer
- watercolor painting

## REFERENCES

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- **Dr. Iman Attarzadeh:** Assistant Professor in Department of Computer Engineering at IAUCTB ✉
- **Ramin Rahnamoun** Professor in Department of Computer Engineering at IAUCTB ✉
- **Pezhman Gholamnezhad** Adjunct professor in Department of Computer Engineering at IAUCTB ✉