

# Taha Shabani

📍 Darake, St. Mofidi, St. Alborz, APT 8, Tehran, Iran

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🖱 <http://tahash.ir>

## 🎓 Education

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- 2017 – 2021  
Tehran, Iran
- B.Sc. in Computer Engineering**  
*University of Tehran*  
GPA: 18.06/20  
Thesis: Expansion of Inheritance and Time Features of Rebeca Modeling Language, Advisor: Prof. E. Khames Panah
- 2013 – 2017  
Tehran, Iran
- Allameh Helli High School**  
*Affiliated with the National Organization for the Development of Exceptional Talents (NODET)*  
Physics and Mathematics diploma, GPA: 19.91/20

## 🔬 Research Experiences

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- 2021  
Tehran, Iran
- Undergraduate Research Assistant at University of Tehran**  
*Under supervision of Prof. E. Khames Panah*  
Working on Rebeca modeling language and formal methods of verification.

## 📖 Teaching Experiences

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- 2019 – 2021
- Teaching Assistant**  
*University of Tehran*  
Courses:
- Artificial Intelligence
  - Data Structures
  - Internet Engineering
  - Discrete Mathematics
- 2018
- Teaching Assistant**  
*Allameh Helli middle school*  
Creative Programming and Physics rules

## 👜 Professional Experiences

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- 2020 – present  
Tehran, Iran
- Front-end Developer**  
*Tapsell*  
Pegah Dede Kavan Sharif which is known as its most famous product (Tapsell), consists of various projects and teams. I am a member of a group of about 15 people working on a project called Metrix.
- 2019 – 2021  
Tehran, Iran
- Software Engineer**  
*Tikday*  
Responsible for:
- Customer Club application
  - Caption Maker
  - QRCode Generator

2018 – 2019  
Tehran, Iran

## React-Native Developer

Samoon

Supervisor and Developer of Samoon and SamoonYar building management application.

## Projects

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2020

### Human Action Recognition using CNN

A desktop and android application using deep learning algorithms and pre-trained models to recognize human actions such as walking, running, punching, etc.

## Skills

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### Theoretical Knowledge

*experienced in discrete mathematics, data structures, algorithm concepts, network security, software engineering and its methodologies, artificial intelligence and deep learning basics, and internet engineering aspects.*

### Graphics and UI/UX Design

*familiar with Adobe Photoshop, Adobe Illustrator, and Adobe XD.*

### Languages, Tools and Frameworks

*Experienced in JavaScript, Java, C++, Python, SQL, CSS, HTML, Git, PHP, React-Native, React JS, Angular, Java Spring.*

*Familiar with Docker and Kubernetes, Ajax, Xcode, Firebase, Verilog, Linux Operating system, Regex, etc.*

## Conferences

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2018

Tehran, Iran

### Iran International Electronic, Computer & E-Commerce Exhibition (ELECOMP)

*Exhibitor*

A member of the Epre team as exhibitors in Elecomp 2018.

## Languages

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### Persian

*Native/full working proficiency*

### English

*Highly proficient in speaking and writing*

### Arabic

*Beginner*

### Russian

*Beginner*

## Interests

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### Watching Movies

### Application development

### Learning new programming frameworks and concepts

### Artificial Intelligence

### Algorithms and data structures

### Reading Books

### Sports

*Football, Tekvando, and Running*

### Typing

*Record: 93wpm*

## About Me

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Motivated, Diligent, Interested in working and studying, Interested in group work, Interested in learning new things, Hopeful, and Heat-sensitive.