

# Sahar Badri

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Institute for Advanced Studies in Basic Sciences (IASBS)

Zanjan 45137-66731

Iran

Gender: Female

Age: 26

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## Education

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|----------------------------|---|
| <b>2017</b> to present     | MSc student of Computer Science<br>Institute for Advanced Studies in Basic Sciences (IASBS),<br>Zanjan, Iran. |
| <b>2012</b> to <b>2016</b> | BSc student of Mathematics and Applications<br>University, Of Kurdistan, Iran.                                |

## Research Interests

- Data mining
- Shape Matching
- Computational complexity
- Computational geometry
- Algorithms
- Robot Motion Design
- Stream network
- Distributed Systems

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## **Relevant graduate courses passed**

- Statistics and Probability
- Data Mining
- Algorithm
- Computational Complexity
- Computational Geometry
- Distributed Systems
- Data Base

## **Conferences and seminars attended**

28 February- 5 March    10<sup>th</sup> Winter School on Computational Geometry, Amir Kabir University, Tehran, Iran.

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## **Relevant skills and experiences**

### **Computer Skills**

- Programming languages
  - C/C++ (experienced)
- Scientific Software
  - MATLAB (experienced)
  - **R**
  - Python

### **Field work**

- Robot pose Estimation a Known Environment using Frechet Distance

### **Language**

- Kurdish: Native
- English: Intermediate
- Persian: Native

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## Interests and Hobbies

- Painting, Climbing, Mountaineering, and Photography
- Swimming, Volleyball

## References

- **Dr. Bahram Sadeghi Bigham**  
Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran
  - Thesis Supervisor
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- **Dr. Mansoor Davoodi Monfared**  
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