

# Faezeh Arab Hassani

Research Fellow

📍 Department of Electrical and Computer Engineering, National University of Singapore

🔗 FaezehAHassani

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Curriculum Vitae

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## Summary

- **Experience:** Forward-thinking and accomplished electronics research scientist with 7+ years of experience
- **Skills:** A strong background in the design, fabrication, and characterization of micro/nano-electronic devices leading to successful generation of products for environmental and healthcare technology
- **Career Highlights:**
  - Attracted 2 research funding, and 2 awards
  - More than 30 peer reviewed scientific publications
  - Managed a clean room facility at National University of Singapore
  - Advised 4 M.Sc. graduate students, and lectured 3 graduate courses
  - Gave 4 invited talks at the international conferences
  - Presented at 10 international and local conferences
  - Reviewer, and associate editor of international journals
  - Chaired a session at 1 international conference
  - Organized a local scientific workshop with 50 attendees
  - Woman in engineering coordinator of IEEE UK student Branch

## Experience

2012-13	<b>JSPS postdoctoral researcher</b> Japan	Japan Advanced Institute of Science and Technology
2013-14	<b>Research fellow</b> Singapore	National University of Singapore
2014-16	<b>Postdoctoral research associate</b> United Kingdom	University of Sheffield
2016-19	<b>Research fellow</b> Singapore	National University of Singapore
2019-20	<b>JSPS invitational researcher</b> Japan	Japan Advanced Institute of Science and Technology
2020-current	<b>Research fellow</b> Singapore	National University of Singapore

## Education

2005-08	<b>Master of Electrical and Electronics Engineering</b> Tehran, Iran	University of Tehran
2008-12	<b>PhD of Electrical and Electronics Engineering</b> Southampton, United Kingdom	University of Southampton

## Fellowships and awards

2008	<b>PhD studentship, University of Southampton</b> Awarding body: European FP7 NEMSIC project and University of Southampton
2012	<b>JSPS postdoctoral fellowship, Japan Advanced Institute of Science and Technology</b> Awarding body: Japan Society for the Promotion of Science
2016	<b>Santander research mobility award, University of Sheffield</b> Awarding body: University of Sheffield
2019	<b>JSPS invitational fellowship, The University of Tokyo</b> Awarding body: Japan Society for the Promotion of Science

**Skills**

• Micro/nano-fabrication • Semiconductors • MEMS/NEMS • Energy harvesting • Flexible Electronics • Sensors and Actuators • ex vivo and in vivo • Finite Element Analysis (FEA) • Biomedical devices

**Scientific affiliations**

• Member of Japan Society of Applied Physics • Senior Member of IEEE

**Hobbies**

• Painting • Badminton • Nature walking

**Publications**

Please check: <https://scholar.google.com/citations?user=Veva8EAAAAAJ&hl=en>