

Gelareh Najmi

Curriculum Vitae

Department of Civil and Environmental Engineering
Old Dominion University
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Education

- 2022–present : **Ph.D., Civil and Environmental Engineering**, Old Dominion University, VA, USA.
◦ Advisor: Mecit Cetin
- 2020–2022 : **M.Sc., KIMP(Knowledge Integration in Mechanical Production)**, Arts et Métiers ParisTech, Paris, France.
◦ Integration of the quality control process into a 4.0 production system
◦ Advisor: Dr. Khaled Benfriha
- 2012–2017 : **B.Sc., Industrial Engineering**, Sharif University of Technology (SUT), Tehran, Iran.

RESEARCH INTERESTS

- Machine Learning
- Artificial Intelligence
- Reinforcement learning
- Image Processing
- Intelligent Transportation Systems
- Traffic Flow
- Transportation Systems
- Traffic Safety

Publications

Peer Reviewed Conference Papers

- 2021 Zaynab Zouhal, Khaled Benfriha, Marwan El Helou, Chawki El Zant, Quentin Charrier, Omar El Assal, and **Najmi, Gelareh**. Approach for industrial inspection in the context of industry 4.0. In *2021 International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME)*, pages 1–5. IEEE, 2021.
- 2021 **Najmi, Gelareh**, Khaled Benfriha, Quentin Charrier, Marwan El Helou, Chawki El Zant, Zaynab Zouhal, and ISC Omar El Assal. Integration of the quality control process into a 4.0 production system. In *2021 International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME)*, pages 1–6. IEEE, 2021.
- 2021 Omar El Assal, Khaled Benfriha, Chawki El Zant, Quentin Charrier, Marwan El Helou, **Najmi, Gelareh**, and Zaynab Zouhal. In-situ control of conformity using vision sensors embedded on industrial robots. In *2021 International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME)*, pages 1–4. IEEE, 2021.

Conference Talks

- 2021 Integration of the quality control process into a 4.0 production system. In *2021 International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME)*. IEEE, 2021.

Fellowships & Awards

2022 ***The Rollie Dubbe' Engineering Scholarship***, Old Dominion University (ODU), as a PhD research scholar in department of civil engineering.

Computer skills

Programming Languages Python, Matlab
Engineering Software Polyworks, Tableau, SolidWorks
Typesetting Latex, Microsoft Office

References

Prof. Mecit Cetin

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Dr. Khaled Benfriha

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(LCPI)*
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Prof. Mohammad Reza Akbari Joukar

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