

Amirmohammad Nazari

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RESEARCH INTERESTS

- Automated Reasoning
- Formal Methods
- Formal Verification
- Programming Languages
- Program Synthesis
- Program Analysis

EDUCATION

- **University of Southern California**, Los Angeles, California, USA
Ph.D., Computer Science
May 2021 - Ongoing
Thesis : To be announced
Advisor : Mukund Raghothaman
- **Amirkabir University of Technology**(Tehran Polytechnic), Tehran, Iran
B.Sc., Computer Engineering
September 2016 - September 2020
Thesis : Modeling and design and implementation of transparent value-sensitive run-time monitoring for information flow policies
Advisor: Mehran S. Fallah

PUBLICATIONS

- Amirmohammad Nazari, Yifei Huang, Roopsha Samanta, Arjun Radhakrishna, and Mukund Raghothaman. Explainable Program Synthesis by Localizing Sub-specifications. In Proceedings of the ACM SIGPLAN Conference on Object-Oriented Programming, Systems, Languages, and Applications. OOPSLA. 2023.
- Amirmohammad Nazari, Souti Chattopadhyay, Swabha Swayamdipta, and Mukund Raghothaman. Generative Explanations for Program Synthesizers. In submission. 2023.

SERVICES

- VMCAI 2023,Artifact Evaluation Committee.
- FORMATS 2023,Artifact Evaluation Committee.

REFERENCES

- **Mukund Raghothaman, Assistant Professor**
Computer Science Department, University of Southern California
Email: raghotha@usc.edu
- **Arjun Radhakrishna, Researcher**
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- **Roopsha Samanta, Assistant Professor**
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