MICHELLE THALAKOTTUR

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Boston, Massachusetts

EDUCATION

Northeastern University, Boston, MA.   2021 - Present
Doctor of Philosophy in Computer Science
Advisors: Frank Tip, Amal Ahmed
CGPA: 4.0/4.0

University of Pune   2017 - 2021
B.Tech. in Computer Engineering
CGPA: 8.9/10.0

WORK EXPERIENCE

Northeastern University   Sept 2022 - Present
Teaching Assistant
Course: Accelerated Fundamentals of Computer Science 1

Indian Institute of Technology, Bombay   May 2020 - Sept 2021
Undergradute Thesis
Advisor: Professor Uday Khedker, Dept. of Computer Science
Topic: Formalization of Translation Performed by the SCLP Compiler Phases

Indian Institute of Technology, Bombay   June 2020 - Sept. 2020
Research Intern
Advisor: Professor Uday Khedker, Dept. of Computer Science
Topic: Data Flow Analysis

Indian Institute of Technology, Patna   Nov. 2018 - June 2019
Research Intern
Advisor: Professor Jimson Mathew, Dept. of Computer Science
Topic: Dimensionality Reduction, Machine Learning

RESEARCH

That's a Tough Call: Studying the Challenges of Call Graph Construction for WebAssembly
Daniel Lehmann, Michelle Thalakottur, Michael Pradel, Frank Tip
Under Review

Presentation at Program Analysis of WebAssembly (PAW)   ECOOP 2022
Michelle Thalakottur, Daniel Lehmann, Michael Pradel, Frank Tip
At *European Conference on Object-Oriented Programming (ECOOP)*.
Berlin, Germany, June 2022

Semi-supervised Regularized Coplanar Discriminant Analysis   ICONIP 2019
Rakesh Kumar Sanodiya, Michelle Davies Thalakottur, Jimson Mathew, Matloob Khushi
In *Proceedings of the International Conference on Neural Information Processing (ICONIP)*.
Sydney, Australia, December 2019

SERVICE

Student Volunteer   June 2022
European Conference on Object-Oriented Programming (ECOOP2022)

Mentorship Talk   June 2020
Pursuing Undergraduate Research [slides]

AWARDS

Fellowship Grant   June 2022
Oregan Programming Languages Summer School (OPLSS2022)

Programming Languages Mentoring Workshop (PLMW)   Aug. 2020
International Conference on Functional Programming (ICFP2020)