Michelle Thalakottur

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Education

2021 - Present   **PhD in Computer Science**, *Northeastern University, Boston, Massachusetts, USA*, Advised by Amal Ahmed, Frank Tip.

2017 - 2021   **B.Tech. in Computer Engineering**, *University of Pune, Pune, Maharashtra, India*, Advised by Uday Khedker.

Work Experience

Summer 2023   **Graduate Research Intern**, *Fastly, San Francisco, CA, USA*.

Fall 2022   **Teaching Assistant**, *Northeastern University, Boston, MA, USA*.
Accelerated Fundamentals of Computer Science 1

2020   **Research Intern**, *IIT Bombay, Mumbai, MH, India*.
Data Flow Analysis, Compilers

Summer 2019   **Research Intern**, *IIT Patna, Patna, BR, India*.
Dimensionality Reduction, Machine Learning

Research Publications

ISSTA23   **That's a Tough Call: Studying the Challenges of Call Graph Construction for WebAssembly**, *Daniel Lehmann, <u>Michelle Thalakottur</u>, Frank Tip, Michael Pradel*.
[PDF] [Repo] [DOI]

ICONIP19   **Semi-supervised Regularized Coplanar Discriminant Analysis**, *Rakesh Kumar Sanodiya, <u>Michelle Thalakottur</u>, Jimson Mathew, Matloob Khushi*.
[DOI]

CEC19   **Multi-objective Approach for Semi-Supervised Discriminant Analysis with Relative Distance**, *Rakesh Kumar Sanodiya, Sriparna Saha, Jimson Mathew, <u>Michelle Thalakottur</u>, Utkarshinee Aadya*.
[DOI]

IEEEAccess   **A New Transfer Learning Algorithm in Semi-supervised Setting**, *Rakesh Kumar Sanodiya, Jimson Mathew, Sriparna Saha, <u>Michelle Thalakottur</u>*.
[DOI]

Service

2023   **Khoury PhD Social Committee**, *Vice Chair*.

Jan 2023   **Student Volunteer**, *Principles of Programming Languages*, POPL2023.

July 2022   **TA: Fellowship Grant**, *Oregan Programming Languages Summer School*, OPLSS2022.

June 2022   **Student Volunteer**, *European Conference on Object-Oriented Programming*, ECOOP2022.

2021   **Mentorship Talk**, *Pursuing Undergraduate Research*, [PPT].