NICK FENG

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RESEARCH INTEREST

I am a PhD student at the University of Toronto in the Software Engineering group. I'm interested in automated verification, SAT, and software engineering.

EDUCATION

PhD. Computer Science   May 2020- Present
Supervised by Marsha Chechik
University of Toronto

M.Sc. Computer Science   Sept 2018- April 2020
Supervised by Marsha Chechik
University of Toronto

B.Sc. Computer Science   Sept 2012 - May 2017
Received Honours degree with high distinction
University of Toronto

PUBLICATIONS

Scaling Client-Specific Equivalence Checking via Impact Boundary Search   ASE 2020
N. Feng, F. Mora, V. Hui, and M. Chechik

Clause Size Reduction with all-UIP Learning   SAT 2020
N. Feng, F. Bacchus

TEACHING POSITIONS

Teaching Assistant, University of Toronto   2012 - 2019
CSC324: Principles of Programming Languages
CSC410: Software Testing and Verification
CSC343: Introduction to Databases
CSCA67: Discrete Mathematics

PROFESSIONAL EXPERIENCE

Software Developer, IBM Canada   June 2017 - Aug 2018
Developing code coverage and profiling tools for Java and Cobol on Eclipse IDE.

AWARDS AND DISTINCTIONS

Alen Milne Mccombie Award Fund   Sept 2015
C. L. Burton Open Scholarship   Sept 2017
Dean's List Scholar   2015, 2017

SUMMER/WINTER SCHOOLS AND COMPETITIONS

Cadical-trail and Cadical-alluip-trail won the planning track at the SAT Competition 2020
R. Hickey, N. Feng, F. Bacchus
International Winter School on Verification, Model Checking, and Abstract Interpretation
January 2020, New Orleans