

Anton Xue

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Contact

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|----------------------|---|---------------------------|
| Interests | Programming languages, language semantics, software analysis, mathematical analysis | |
| Experience | <i>Research Assistant</i> | September 2015 — Present |
| | Yale University Computer Science Department | |
| | <i>Research Intern</i> | May 2018 — August 2018 |
| | Harvard University School of Engineering and Applied Sciences | |
| | <i>Research Intern</i> | May 2017 — August 2017 |
| | Max Planck Institute for Software Systems | |
| Education | <i>B.S. Mathematics and Computer Science</i> | September 2015 — May 2019 |
| | Yale University | |
| Presentations | <i>Building a Symbolic Execution Engine for Haskell</i> | August 2017 |
| | Tools for Automatic Program Analysis 2017 | |
| | <i>A Symbolic Execution Framework for Haskell</i> | January 2017 |
| | Principles of Programming Languages 2017 Student Research Competition | |
| Teaching | <i>Yale Undergraduate Teaching Assistant</i> | |
| | CPSC 366: Intensive Algorithms | Spring 2018 |
| | CPSC 365: Design and Analysis of Algorithms | Spring 2017 |
| | CPSC 202: Mathematical Tools for Computer Science | Fall 2017 |
| | CPSC 202: Mathematical Tools for Computer Science | Fall 2016 |
| Community | <i>Committee Member</i> | |
| | Yale Computer Science Department Student Advisory Committee | Fall 2017 |
| Software | <i>G2 Symbolic Execution Engine for Haskell</i> | |
| | https://github.com/AntonXue/G2 | |
| | <i>Multi-Terminal Interval Decision Diagrams</i> | |
| | https://github.com/dzufferey/mtidd | |
| Technical | <i>Programming Languages</i> | |
| | Haskell, C, C++, Python, Java, R, Scala | |