



Tao Xie

**University of Illinois at
Urbana-Champaign**

Tao Xie has collaborated with Microsoft Research (MSR) over the last decade. As a visiting researcher in the Research in Software Engineering (RiSE) group, he personally contributed a core search algorithm for the automated test generation feature IntelliTest, which shipped as part of Visual Studio 2015 Enterprise Edition. Even more influential were his frequent visits to Microsoft Research in Redmond and China, which spawned dozens of collaborative projects. His students prototyped many new ideas on top of platforms and tools provided by MSR, in particular on the Pex4Fun project established by Nikolai Tillmann and Peli de Halleux. Over the years, Tao also deeply engaged with Dongmei Zhang and the Software Analytics group in China. This resulted in more than 60 joint high-profile publications in areas including automated test generation, computer science education, and software analytics.