I am on academic leave during the 2018-2019 academic year. I am starting a Bay Area-based company to help companies get back in control of their data.

I am an Assistant Professor in the Computer Science Department at XX University. I am a member of the Principles of Programming group and affiliated with the Pure and Applied Logic program. I also have an affiliate appointment in XX University’s Computational Biology Department. You may read more about the active projects of my research group on our group website.

I received my PhD from MIT in 20XX and my bachelor’s degree from Harvard in 20XX. During the 20XX-20XX academic year I visited the XX Lab at Harvard Medical School.

Research Mission

More and more people are programming: not only those with traditional Computer Science backgrounds, but also physical scientists, journalists, and more. We have an unprecedented opportunity to shape how people reason about software--and the systems that people do not yet call software. The goal of my research is to make provable guarantees ubiquitous. I am interested in designing programming models, language implementation strategies, and programming tools to make it easier for people to create the software they intended. I am particularly interested in applying these ideas to the security and privacy of software systems.

Outreach Mission

Public understanding and consumption determine the impact of research. Because of this, I am interested in improving science communication and facilitating commercialization of technical ideas. From 20XX-20XX I co-directed NeuWrite Boston, a working group of scientists and science writers, with XX. To narrow the gap between academia and industry, I co-founded the Cybersecurity Factory, an accelerator for security startups, with XX. As the Publicity Chair for Principles of Programming Languages, one of the flagship conferences of our research area, I created the People of Programming Languages interview series to convey what programming languages research is and why we do it.