

Seny Kamara is an Associate Professor of Computer Science at Brown University, where he co-directs Brown's Computing for the People project and the Encrypted Systems Lab. He is also affiliated with Brown's Center for Human Rights and Humanitarian Studies, the Data Science Initiative and The Policy Lab. Kamara is also a Principal Scientist at MongoDB, a company that provides one of the most widely used platforms to store and process data. Prior to this, he was a Research Scientist at Microsoft Research in the Cryptography Research group.

Professor Kamara conducts research in cryptography with a focus on problems motivated by social and policy issues; especially issues that impact marginalized groups. His pioneering work on encrypted search algorithms laid the foundation and pushed the state-of-the-art of end-to-end encrypted database technologies. His work has consistently appeared in the top peer-reviewed venues in data security and cryptography and has been featured in numerous outlets including Wired, Forbes and The Register.

At Brown, Professor Kamara teaches "Algorithms for the People", a course that surveys, critiques and tries to address the ways in which computer science and technology affect marginalized communities.

In 2016, he was appointed by the National Academies of Sciences to study the impact of end-to-end encryption on law enforcement and intelligence and in 2019 he testified to the Financial Services Committee of the U.S. House of Representatives about the privacy and fairness implications of Big Data. In 2020, he was appointed by the National Academies of Sciences to study the future of encryption. He has received a Google Faculty Award and was named a Leadership Fellow by the Boston Global Forum for his work and commitment to global peace.