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To Whom It May Concern:

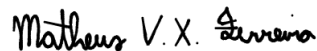
I am seeking a position as Simons-Berkeley research fellow. I am a Ph.D. candidate in the Computer Science Department at Princeton University, and I expect to graduate this year. My research interests are at the intersection of algorithmic game theory and information security. In particular, how strategic behavior impacts computer system's security and fairness.

Learning and optimization are important tools in mechanism design. My research explores the problem of designing robust mechanisms without centralized trust. More recently, I have been exploring how learning and optimization can be employed to achieve the goal of design fair mechanism. The opportunity to participate at Simons Institute research program will be an invaluable experience to advance my research agenda and it will give me the opportunity to contribute to its research agenda.

I have enclosed my curriculum vitae with a list of references, and a research statement. The most up-to-date version of these materials is available online at <http://matheusvxf.github.io/application/simons/>.

I look forward to discussing my application with you.

Sincerely,



Matheus Venturyne Xavier Ferreira.