



MANI SAWHNEY

Quantitative Research Intern

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Mani Sawhney is currently enrolled in the Master of Science in Financial Mathematics at the University of Chicago. Mani graduated from University of Illinois at Urbana-Champaign with a Bachelor of Science in Engineering Physics.

The past quarter, Mani collaborated with EY on a project, primarily focusing on enhancing the stress testing model of the AAVE protocol by implementing the safety module into it. In this project, Mani developed algorithmic models using Python to implement the balancer function within the safety module to self-balance weighted portfolios and price sensors. Mani worked as a Security and Privacy Analyst for a cybersecurity firm, where she analyzed JavaScript code from third-party marketing vendors for malicious hacks to avoid compromising user data. While studying at Urbana-Champaign, she did her research in Quantum computing and machine learning and implemented Quantum auto-encoders for efficient compression of quantum data using QISKIT.

Aside from the technical skill-set, Mani enjoys swimming, painting and playing the guitar.
