# Job description

**TEACHING ASSISTANT/ASSOCIATE PROFESSOR OF FINANCIAL ENGINEERING**
**Stevens Institute of Technology**
**School of Business**

The School of Business at Stevens Institute of Technology invites applications for a full-time faculty position in Financial Engineering (non tenure-track) at the rank of Teaching Assistant or Teaching Associate Professor with an expected start date of August 2019. Of particular interest are applicants with backgrounds in Financial Mathematics, Statistics, Operations Research, Computer Science or Applied Mathematics. We seek an individual with professional experience as well as excellent academic credentials who will be able to identify developments within financial engineering and financial analytics and teach existing as well as new courses. The position is available immediately and applications will be accepted until the position is filled.

Successful candidates will possess an advanced degree, with an earned doctorate in in Financial Mathematics, Statistics, Operations Research, Computer Science, Applied Mathematics, or other related discipline, and experience teaching at the graduate and undergraduate level. The individual chosen for this position should possess the background and experience necessary to teach a variety of courses in the curriculum, and a record of publishing and research. The rank of the position will be dependent upon experience and qualifications.

Financial Engineering faculty at the school are active in research involving asset pricing, algorithmic trading, high frequency finance, risk modeling, portfolio theory, machine learning in finance, liquidity, systemic risk, and more. Successful candidates are expected to teach in our graduate and undergraduate programs in Financial Engineering, Quantitative Finance and/or Financial Analytics. The university offers a competitive teaching load and excellent support for faculty research.

Stevens' offers Financial Engineering degrees at the graduate (MS in Financial Engineering, MS in Financial Analytics), undergraduate (BS in Quantitative Finance) and PhD level. The MS in Financial Engineering is one of the largest programs in the School of Business and consists of courses on stochastic calculus, optimization, advanced derivatives, portfolio theory, pricing and hedging, computational finance, financial risk modeling, etc. as well as concentrations in algorithmic trading, financial services analytics, financial statistics, financial risk engineering, and financial computing. Successful candidates are expected to participate in curricular development,

student advisement and the program's robust series of public events.

The School of Business at Stevens Institute of Technology has a focus on Finance and Financial Engineering, Analytics and Information Systems, as well as Technology Leadership, and encourages interdisciplinary research. The school is AACSB accredited and offers three PhDs in Business Administration, Data Science, and Financial Engineering, three MBAs, eleven Masters degrees, and undergraduate degrees in Business as well as Quantitative Finance. For more information, visit **www.stevens.edu/business**

Stevens Institute of Technology is a private institution located in Hoboken, NJ, directly across the Hudson River from New York City. Hoboken is a vibrant, walkable community in close proximity of Manhattan and has been ranked among the 12 best college towns in the country by Princeton Review. Stevens Institute of Technology works closely with local and global industries as well as government organizations on various research projects.

Applications and nominations will be accepted until the position is filled. Stevens Institute of Technology appreciates all applications but can only respond to qualified candidates.

To apply go to: Candidates are invited apply at via the Stevens Institute of Technology website at **https://www.stevens.edu/directory/division-human-resources/employment-opportunities**

EOE/AA/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity.