KEVIN STEVE BELTRAN CLAVIJO

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EDUCATION

Expected 12/26 **NEW YORK UNIVERSITY** New York, NY
The Courant Institute of Mathematical Sciences
M.S. in Mathematics in Finance
- ***Expected Coursework:*** Python OOP, high-frequency systems, risk-neutral valuation, option pricing, arbitrage pricing theory, risk management, portfolio optimization, financial econometrics

08/15 - 05/20 **LA SALLE UNIVERSITY** Bogotá, Colombia
B.S. in Economics
- ***Coursework:*** capital markets, time series analysis, economic growth, financial mathematics
- ***Honors/Awards:*** Full scholarship (*Ser Pilo Paga*), 3rd place - University Economics Olympiad 2018, ranked 2nd out of 42 in graduating class

EXPERIENCE

06/21 - 08/25 **DAVIVIENDA BANK**
(Leading Colombian financial institution, $47B AUM) Bogotá, Colombia

04/23-08/25 **Quantitative Research Lead - Financial Risk & AI Solutions (Python, Google Cloud Platform)**
- Developed multiprocessing cloud-based software to manage IRRBB for $1.7B portfolio
- Built real-time, cloud-based software for collection process, using hyperparameter optimization ML/DL, generating $30M in savings from $60K investment (462x return)
- Led team of 4 on projects in KYC automation, marketing with rule-based engines, and credit evaluation using OCR and LLMs, presenting results to CRO
- Gained cross-functional exposure across software, operations, risk, and strategy

07/22-04/23 **Quantitative Research - Financial Risk & AI Solutions (Python, Google Cloud Platform)**
- Designed knowledge database on GCP to handle structured and unstructured documents, serving as backend for AI agents supporting internal and external communications
- Standardized extraction and integration of public data sources as reusable data services, enabling scalable use in risk analytics

12/21-07/22 **Data Scientist - Model Validation (Dataiku)**
- Evaluated and validated machine learning models for key applications in credit scoring, fraud detection, and advanced business analytics
- Conducted applied research and implemented data science methodologies for ML explainability to support bank's evolving analytics strategy

06/21-12/21 **Data Scientist - Analyst (AppScript)**
- Designed and deployed internal web applications using Google Workspace and Python, improving decision-making processes across multiple business units

PROJECTS

08/24 - 08/25 **DAVIVIENDA BANK** Bogotá, Colombia
Economic Valuation Engine (Python, Google Cloud Platform)
- Formulated long-term integration plan combining credit risk, market risk, and IRRBB for bank's enterprise risk management framework

06/23 - 05/24 **Davinegociador 2.0 (Python, Google Cloud Platform)**
- Led development of back-end and front-end for newest collections management platform
- Identified and exposed critical risk in mortgage strategy under updated collections process framework

COMPUTATIONAL SKILLS / OTHER

Programming Languages: Python, C++, JavaScript, SQL
Languages: English (fluent), Spanish (native)
Affiliations/Certifications: C++ Programming for Financial Engineering from QUANTNET; Financial Market Analysis from IMF; Financial Management, Applied Data Science, and Machine Learning from Coursera