Nicholas Kammer, CPA

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SUMMARY

Detail-oriented researcher/analyst/programmer with experience in financial and investment assets, investment banking, mergers & acquisitions, valuations, data analysis. Interested in programming, data science, and finance.

EDUCATION

MIT
MicroMasters program in Statistics and Data Science - Online
Relevant Coursework:
- Machine Learning   - Statistics   - Probability   - Regression Analysis   - R programming   - Python Programming

University of Pennsylvania   2019 - 2021
Master of Arts in Near Eastern Languages & Civilizations   GPA 4.00/4.00

Master's Thesis –*Sacred Trees, Tree Deities, and the Tree Cult of Ancient Egypt*
Supervisor: Dr. David Silverman.

University of Illinois at Urbana-Champaign   May 2004
Master of Science in Accountancy   GPA:3.97/4.00
Awards: *Phi Kappa Phi*

Brown University   May 2002
Bachelor's degrees in Mathematics, Mathematical-Economics, and Egyptology   GPA: 3.81/4.00
Awards: *Magna cum Laude*
          Phi Beta Kappa

WORK EXPERIENCE

Professor   2021 - Present
Ave Maria University
- Professor of Accounting
  - Taught Managerial Accounting
  - Oversaw student projects designing their hypothetical businesses and building Master Budgets
  - Created PowerPoint presentations for each topic covered and posted them to Canvas website for easy access
  - Assisted AMU's career services in networking with local businesses to expand job opportunities for graduates
  - Advised Business School administration on enhancing the undergraduate data analytics program
    - Advised about the appropriate programming tools and languages to emphasize to improve student job placement
    - Researched opportunities to expand in-class learning tools from Tableau
- Professor of Mathematics
  - Taught College Algebra and Calculus for over 150 students at a time
  - Advised students on outside classes (such as computer programming) to give themselves the best career opportunities
  - Created PowerPoint presentations for each topic covered and posted them to Canvas website for easy access
  - Held lengthy sessions outside office hours and class for tutoring and make-up quizzes and exams

Private Investment Analyst and Trader   2017 – Present
- Managed portfolio of stock and option trades to maximize profits
- Evaluated investment vehicles with emphasis on growth opportunities
- Utilized databases and chart analysis to analyze investment data to select best opportunities
- Manage private trust assets for the benefit of beneficiaries
- Researched new opportunities, including:
    - Private company angel investments for clients
    - Advised on the potential of developing exotic asset opportunities for clients

NAEK2, LLC

Valuation Consultant   2008 – 2017
- Worked as a consultant, analyzing start-up companies early in development, especially at the Research Park connected with the University of Illinois' entrepreneur incubator
- Prepared financial statements and projections for the purposes of strategic planning, presentations to awards committees, and recruitment of potential investors
- Performed valuations for companies to determine fair valuations in negotiations with investors, utilizing methods such as:
    - Market-based valuation
    - Discounted cash flow
    - Closely-held business valuation
    - Minority ownership discounting

Dresner Partners Investment Bank   2004 - 2008

Analyst
- Worked primarily in Mergers and Acquisitions on the sell side
- Developed valuation models such as NPV, LBO, and market comparables to determine fair value of client companies for sale negotiations
- Recruited businesses as clients on the sell side
- Researched and recruited potential buyers for client companies

PROJECT EXPERIENCE

NAEK2.com
- Personal website
- Contains selection of Javascript and Solidity projects

Launched Private Blockchain Network
- Utilized geth to initialize and launch private blockchain on the Goerli test network of Ethereum
- Created Externally Owned Account
- Initiated mining for the private blockchain

Develop Database of Ancient Egyptian Coffin Texts
- Compiled, digitized, and cleaned over 6,000 lines of data on funerary texts from old, out-of-print research compendiums to allow broader access to researchers
- Joined data from multiple databases into a broader database for more efficient analysis as .csv and Excel files
- On-going process
    - Current work has been on data from only one time period
    - Database will be expanded to include funerary texts from across multiple time periods, including the Pyramid Texts of the Old Kingdom, the Coffin Texts of the Middle Kingdom, and the Book of the Dead from the New Kingdom and Ptolemaic Period

Classification of MNIST Digits and Multi-digits using Python
- Implemented a variety of data science methodologies in Python to study the famous MNIST database and compare methodologies as applied to the database
  - Neural networks - both manually built and utilizing PyTorch
    - Fully Connected Neural Network
    - Convolutional Neural Network
  - Support Vector Machine for multiclass classification
  - Softmax regression with gradient descent
- Successfully tuned hyperparameters of convolutional neural network using PyTorch to achieve 98.02% accuracy for test set of multi-digit dataset

Dispersion Study of Book of the Dead Spells using Tableau
- Utilized Tableau to track and investigate the geospatial and temporal diffusion of spells from the Book of the Dead in Ancient Egypt
- Mapped the sources of every object with Book of the Dead spells by specified criteria using Tableau's geolocation features
- Cross-analyzed the artifacts by time period, location, gender of the owner, and quantity.
- Performed trend analysis through the time periods to see how dispersion developed chronologically

PROFESSIONAL CREDENTIALS AND AFFILIATIONS

- Registered CPA
- AICPA member since 2004
- Personal Financial Specialist (PFS)
- CANSLIM investing certification
- Introduction to Blockchain certificate from IBM
- Foundations of Data Science (Professional Certificate) - University of California, Berkeley Online

OUTSIDE INTERESTS
- Alumni interviewer for Brown University applicants