DANIEL TEMKIN

DATA ANALYST

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dtemkin.com

SUMMARY

Versatile, motivated, passionate and creative Data Analyst, a recent M.S. in Finance graduate (2016) with a strong mix of freelance and academic experience. Demonstrated ability to convert theory into functional code. Experience collecting, parsing, and cleaning large datasets (5+ GB) from various internet sources. Excellent understanding of financial markets. Experience using natural language processing and basic machine learning algorithms as components of larger projects.

Inspiration and Influences:

Thinking, Fast and Slow - Daniel Kahneman
Atlas Shrugged - Ayn Rand
The Signal and the Noise - Nate Silver
Outliers - Malcolm Gladwell
Hidden Order: How Adaptation Builds Complexity - John Holland

portfolio/blog: **dtemkin.com**
stackoverflow: **dtemkin**
github: **dtemkin**
twitter: **dan_temkin**
linkedin: **danieltemkin**
gmail: **temkin.d01**
mobile: **+1 (708) 543-6137**

EXPERIENCE

PYTHON DEVELOPER/ CONSULTANT
SELF - EMPLOYED | SEP 16 -

TRADING ALGORITHM DEVELOPER | SEP 16 - Present

Lead / sole **developer of an algorithmic trading system** used to track financial data, identify market trends and patterns, improve decision-making, and maximize trading performance.

Met with the prospective client / independent futures trader, **assessed client's needs**, set forth all project requirements, and prepared a comprehensive development proposal.

Established charting, **back-testing,strategic manipulation, performance monitoring**, and system control for an automated trading system with functionality in live and simulated environments.

STUDENT TUTOR
INDEPENDENT | SEP 15 - APR 16
SAINT XAVIER UNIVERSITY | AUG 14 - MAY 15

EDUCATION

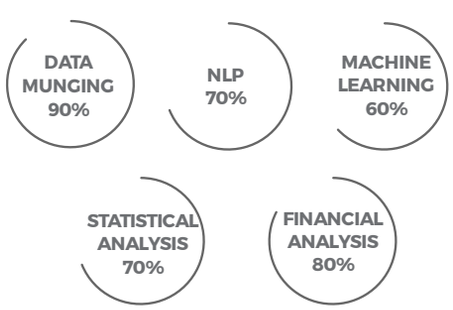
M.S. FINANCE
SAINT XAVIER UNIVERSITY | GPA: 3.88 | APR 15 - DEC 16

COURSES:
- Data Visualization
- Quantitative Finance
- Financial Derivatives
- Supply Chain Management

B.A. ECONOMICS
THE OHIO STATE UNIVERSITY | GPA: 3.0 | AUG 09 - JUL 13
MINOR - RUSSIAN LANGUAGE

PROFESSIONAL DEVELOPMENT
COURSERA | ADVANCED GAME THEORY
UDACITY | INTRO TO MACHINE LEARNING

PROFICIENCIES



Pandas
Numpy
Scikit-Learn
BeautifulSoup
SpaCy
NLTK
and more...

SKILLS

* level denotes the degree to which problems requiring each tool could be completed with minimal use of online references and documentation.

REFERENCES

Bruce Lipman
SXU, Director, Graduate Programs
lipman@sxu.edu

Monzurul Hoque, Ph.D.
Chair, Department of Economics
Professor, Finance and Quantitative Analysis
+1(773) 298-3616 | hoque@sxu.edu

LANGUAGES

Born in United States. Learned Russian and Spanish from courses in college and from travel abroad.