

Rodney Finkel

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Analytical and motivated professional with a robust mathematical foundation, offering understanding and insight into machine learning principles and their practical implementation. Proficient in navigating both the technical and relational aspects of a business. Experienced in negotiating settlements for victims affected by unlicensed forex brokerages, presenting cases to diverse financial regulators and banks for resolutions in various financial jurisdictions.

Soft Skills:

- Business development/sales scripting/presentation
- Mentorship/leadership
- Negotiation/mediation

Technical Skills: Python (OOP and Functional), Node.js (At a basic level) **GITHUB:** <https://github.com/RodneyFinkel>

- **Machine Learning Algorithms, Neural Networks, Deep learning, NLP**
Numpy, Pandas, Scikit-learn, Tensorflow, Statsmodels, Matplotlib, Seaborn, Plotly, NLTK, Tkinter, Dialogflow, NodeJs for webhooks **GITHUB:** [Stock Screener](#), [Feed Forward NN used to model and predict](#), [PCA custom class and implementations](#), [K-Means clustering project and custom class](#), [Gradient Descent/Linear Regression class](#), [KNN custom class and implementation](#), [ChatBot NLP](#), [Lead Capture Bot](#)
- Ability to construct algorithms based only on mathematical formulations gives me a deep understanding of the field including but not limited to optimizers, activators, L2 regularization, custom algorithm classes, eigenspaces/eigenvectors, real analysis, numerical methods, partial differential equations, multivariate and stochastic calculus.
- **Web Development Frameworks:** *Django, Flask.* **GITHUB:** [chatroom_app.git](#) Django Channels/WebSockets/Redis. [djangoproject.git](#) API, Django Rest Framework, Postman
- **Databases:** PGAdmin(PostgreSQL), SQL Server(T-SQL) **SQL:** Data manipulation, ETL & ELT, subqueries, joins, stored procedures, CTE's, recursive CTE's, Self Joins **GITHUB:** [sqlAlchemy and sql scripts](#)
- **Web scraping/crawling:** *Scrapy, BeautifulSoup, Selenium, Concurrent.futures(asynchronous methods)*
- **Frontend Development:** Javascript, Html, Css, Bootstrap, TailwindCSS, Streamlit
- **Basic Devops and Deployment:** Github, Docker, Heroku, Ngrok

PROFESSIONAL EXPERIENCE

Hekmat Law Group | Los Angeles, USA

Freelance work, May 2023 - August 2023

Built and deployed 3 chatbots and a CRM using Django, ChatGPT with LlamaIndex and Google's Dialogflow with Node.js Webhooks

Deloitte | Tel Aviv, Israel

Risk Analytics, Digital Controls, March 2022 - May 2023

Senior Specialist/Senior Consultant

- ETL, ELT and automation of SAS99 audits
- ELT, Data Analysis for **TASE** Clearing House Audit
- Code Reviews, **Wells Fargo**
- Banking regulatory compliance, **Wells Fargo**
- Development, Health Ministry HR CRUD platform

Private tuition | Jerusalem, Israel, Math Tutor for university students, May 2021- March 2022

FBX Business Consulting | Bet Shemesh, Israel

Financial Consultant, February 2019 - July 2021

- Negotiated settlements for clients against unlicensed trading firms, working within investment regulatory frameworks of various financial jurisdictions: FCA, ASIC, FMA, CNV, CYSEC, BaFIN, SFC, CMVM, CNMV
- Contributed to optimizing processes and strategies involved in clients' financial claims, leading to the development of in-house

CRM to manage recovery processes

- Oversaw initial stages of developing a market for the company's financial recovery services in South America, Central America, and other Spanish-speaking financial jurisdictions; this included localized marketing, as well as direct negotiations with banks and financial regulators

DSL Group | Jerusalem, Israel

Partner, Sales Director, COO April 2015 - Dec 2018

- COO - oversaw all day-to-day managerial and operational details of the Jerusalem office
- Managed and reported call center metrics, created periodic progress reports, analyzed results, and implemented appropriate measures to improve overall efficiency
- Led business development efforts, including creating and sourcing lead pipelines and outbound marketing for 4 US-based companies, as well as negotiating with and acquiring the business of 3 US-based companies
- Responsible for HR processes, including employee development, training, functional analysis, and performance
- Responsible for revenue growth of 300% and oversaw the expansion of the Jerusalem office to 20 employees over 3 years

Bonim B'Yachad/Edu-Together | Modiin, Israel

Educator, Jan 2013 - April 2016

- Built and taught mathematics and physics courses for advanced AP students in person and online
- Innovated for and influenced company approach to online teaching of mathematics based subjects
- Awarded Educator of the Year, 2015

Servision | Jerusalem, Israel

Technical Translator, Aug 2012-Aug 2014

- Translated technical manuals from Spanish to English and English to Spanish for the South American market

EDUCATION

Developer's Institute | Tel Aviv, Israel

Full Stack Development Bootcamp, June 2021

Wits University | Johannesburg, South Africa

B.Sc. Honors. Physics, Mathematics, 2004

- Triple major in Physics, Pure Mathematics, Applied Mathematics
- Graduated cum laude

LANGUAGES English(Native), Spanish (Native), Hebrew (Fluent), Afrikaans(Conversational)