Josh Friedlander

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SUMMARY

- I solve business problems with statistical inference and Machine Learning
- Technologies: PyData stack (**Pandas, Numpy, Scikit-Learn, Tensorflow, PyMC3, statsmodels**), Docker, Kubernetes, the usual cloud providers
- Proficient in **Git, SQL, *nix operating systems**, {ba,z}sh scripting

WORK EXPERIENCE

Lead Data Scientist

Kando | Tzur Yigal, Israel   *2020-*

- Developing time-series prediction algorithms for detecting pollution events
- Researching anomaly detection and digital signal processing techniques
- Writing Python libraries for internal company use (data cleaning, building and parsing tree objects, making Machine Learning models reproducible)
- Impromptu data engineer: setting up ML infrastructure and pipeline from ground up, writing Dockerfiles, managing Kubernetes installation
- Managing multiple teams of interns, code reviewer for junior developers

Data Scientist

Perceptive AI | Tel Aviv, Israel   *2018-2020*

- Worked at a seed-stage startup implementing a churn prediction algorithm (Survival Analysis) in the field of Customer Success for SaaS companies
- Feature engineering, processing/analysing data, writing algorithms
- Wrote scripts in bash and Perl to automate the boring stuff
- Worked in the cloud (AWS), developing on a remote host for data security
- Optimised speed and removed bottlenecks within code (e.g. by vectorising complex algorithms or researching optimised storage formats)

Data Science Intern

Anodot | Ra'anana, Israel   *Fall 2018*

- Built LSTM for time-series analysis and compared results with other state-of-the-art methods (e.g. Facebook Prophet)
- Worked within production code infrastructure (containers, version control), with emphasis on modular and readable code

EDUCATION

Israel Tech Challenge - Data Science Fellow   *Summer 2018*

- Elite ten-month full-time program covering Deep Learning and Computer Vision, emphasising research and self-led learning
- Capstone projects: built a web scraper automated with a cron job storing data in a cloud-based DB, and an NLP project written up for program's blog

B.A. - Jerusalem College of Technology   *2010-2013*

- Accounting and Info Systems (probability, stats, databases, SQL, calculus)
- Psychometric score: 730

MISC

Interests: 🚶 nature walks 📈 dataviz 🚲 future of mobility ☕ coffee 🎙 podcasts

Web presence: 🔗 LinkedIn ✍ Stack Overflow ⌗ GitHub Ⓨ Hacker News

Languages: Python, shell, R   Hand-written with ❤ in Vim and LaTeX