Kate Kovalenko

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Goal:

Obtain entry level Machine Learning/Data science position in company where I can get an opportunity to work with innovative projects with break-through technologies.

Summary:

- PhD in mathematical methods and models in economics
- Experience with machine learning algorithms and multivariate analysis techniques: Clusterisation (fuzzy, k-means, hierarchical clustering), Linear/ Logistic Regression, Decision Trees, Discriminant Analysis, Factor analysis,
- Familiar with Neural Networks, Fuzzy Logic
- Experience with time series forecasting: Trend estimation, Fourier transform, ARIMA, VAR, ECM, Exponential smoothing etc.
- Knowledge of SQL, familiar with relational database concept
- Last couple years I don't stop studying Python. Also, I have some experimental pet projects.
- I can describe myself as responsible, fast learning, hard working person.

Experience

Company:	**Freelance Python developer**
Period of work:	12.2017 - Present
Responsibilities:	Pet projects related to web scaping, automation daily routine tasks using Selenium and Python
Company:	**Dev-pro. Net. Outsource software company**
Period of work:	11.2016 - Present
Job Title:	**HR Assistant (part-time)**
Responsibilities:	- Participating in implementing HR Analytics process from scratch (calculating HR Metrics, analyzing main tendencies of company's staff, creating presentation of results) - Updating content of internal site - Performing HR related tasks - Using Python and Google docs advanced techniques for automating routine stuff
Maternity leave 08.2016 – 11.2016	
Company:	**Dev-pro. Net. Outsource software company**
Period of work:	06.2015 – 08.2016
Job Title:	**Web Researcher/ HR Researcher**
Responsibilities:	- Performing web-researches related to HR activities - Support of visa opening process in company - Performing tasks related to performance review
Period of work:	02.2013 – 06.2015
Job Title:	**Web Researcher/ Recruiting Researcher**
Responsibilities:	- Sourcing potential candidates according to open job positions in company (LinkedIn, GitHub, Stack overflow, Facebook, Twitter, etc.) - Performing trainings to recruiting research team on advanced research techniques

	- Selecting potential candidates to be contacted
Company:	**Kharkiv National University of Economics** (Economical Cybernetics department)
Period of work:	09.2011 – 05.2016
Job Title:	**Teacher**
Responsibilities:	Practice teaching assistance, working out profiling courses, testing of knowledge
Company:	**The Book Club**
Period of work:	05.2010 - 01.2011
Job Title:	**Planning and Analysis Department Specialist**
Responsibilities:	- Data analysis of retail shops sales results - Daily forecasting of demand and supply of goods in retail book shops

Skills

Category	Skills
Languages:	• Python (strong theoretical knowledge) • R (basic)
RDBMS:	• Access, SQL
Other:	• Git • HTML/CSS (basic) • Bootstrap (familiar) • Zoho CRM • BPWin • Google docs/spreadsheets (advanced user) • Statistica, SPSS, Eviews, Matlab (used for scientific projects in university)
English	Upper-intermediate (can be interviewed this language)

Trainings

Years	Name of the Program
October 2018 – Present	Participating in on-line training program "Python development" from AnvilEight IT company
2018 – 2019	**Udemy:** 1. Automate the Boring Stuff with Python Programming 2. The Modern Python 3 Bootcamp 3. Python 3: Deep Dive (Part 1) 4. Python 3: Deep Dive (Part 2)
2016	**MIT:** The Analytics Edge
2015	**Coursera:** 1. The Data Scientist's Toolbox 2. R Programming **Off-line course Pybursa:** (Python, Django)

Education:

2008 – 2011	Kharkiv National University of Economics Postgraduate study **Candidate's degree**, Mathematical Methods, Models and Information Technologies in Economics
2003 - 2008	Kharkiv National University of Economics **Master's degree**, Economical Cybernetics

Interests: data science