Anna Koretchko

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Personal Website | GitHub | LinkedIn

Education

Master of Science in Analytics (Business Analytics)   **August 2019 — Present**
- *Georgia Institute of Technology*, Atlanta, GA

Bachelor of Science in Applied Physiology and Kinesiology (Exercise Physiology)   **May 2019**
- *University of Florida*, Gainesville, FL

Experience

Data Scientist – *Gateway Institute for Brain Research*   **August 2020—Present**
- Increasing company efficiency through programmatically solving issues
- Building models (neural network, regression analysis etc), selecting features, and optimizing classifiers using machine learning techniques to accurately predict drug efficacy
- Lead Data Science Department meetings
- Data mine to create robust database for ad-hoc analysis of drug development
- Aid in the financial analysis, bidding and tracking to save nearly a million dollars in project development and planning
- Project proposal planning, writing, editing and submission for new projects to increase portfolio of company as a whole and progress in the cure for Parkinson's Disease
- Bash scripting, module development, web deployment of tools created for company use

Technical Software Support Engineer – *Qlik*   **October 2019—July 2020**
- Collaborated across teams and team members in an agile environment to investigate and solve problems bugs on newly released software and assisted in deployment of release fixes
- Troubleshoot business intelligence dashboards through virtual environments fixing APIs calls, SQL scripts, server logs, SaaS software
- Directly customer facing (many of whom only spoke Spanish)

Legal Assistant (Temp) – *James C. Valenti Law*   **May 2019—August 2019**
- Managed IT infrastructure by creating and maintaining server and database schema of all documentations per case
- Analyzed depositions, financial records, medical records, and contracts
- Assisted litigation attorneys with research, depositions, trial preparation, discovery and document drafts for court submittal

Research Assistant – *Intelligent Health Systems Lab (i-Heal)*   **January 2018—May 2019**
- Researched fields that include developing machine learning and artificial intelligence methods for solving healthcare problems through neural networks
- Transforming patient care in ICU by collecting and storing tweets into a SQL database through the Twitter API

Research Assistant – *Applied Neuromechanics Lab*   **May 2017—May 2018**
- Wrote MATLAB code and Excel functions that created an analysis pipeline from collecting, pre-processing and analyzing data nonlinear and variability outcomes
- Collected biomechanical data from patients who suffered from Parkinson's

Finance Intern, Wasilewski Court Reporting   **May 2016—August 2016**
- Managed tasks including billing, invoices, financial documents, and other business-related tasks.
- Assisted with account reviews and preparation for account reviews.

Skills

Computer: Python (pandas, NumPy, SciPy ,seaborn, matplotlib, PyTables, scikit-learn, cvxpy, Plotly/Dash,etc), SQL, Excel, API/FTP, Git, MATLAB, R, SalesForce, Jira, Microsoft Suite, Machine Learning, QlikSense, QlikView, AWS, Docker, basic JS/CSS/HTML

Languages: Spanish (conversational)

Relevant Coursework: Deterministic Optimization, Regression Analysis, Data and Visual Analytics, Financial Modeling, Calculus III, Linear Algebra, Theory of Probability, Programming and Computing**,** Analytical Modeling, Computational Data Analytics, Business Fundamentals, Biomechanics, Computational Data Analytics (Machine Learning I)