

# Anna Koretchko

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## 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)