### Boian Etropolski

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**Data Engineer**

Keen, ambitious systems thinker ready to innovate. Passionate about theory; driven by practice. Focused team player with excellent organizational and interpersonal skills; adept at collaborating with interdisciplinary teams of varied professional levels while developing strong and long-lasting business relationships. Humbly curious and prepared for the challenges that come before discovery.

Technical Skills

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| ***Programming Languages*** | ***Python, R, SQL, JavaScript, HTML5, CSS3*** |
| ***Frameworks***  ***Database Management Systems***  ***Tools/Methodologies*** | ***Flask, React, Django, Apache Spark, TensorFlow***  ***MySQL, SQLite, PostgreSQL, MongoDB***  ***PyCharm, Jupyter Lab, VSCode, Node.js, RStudio, GitHub*** |
| ***Web Technologies*** | ***Regular expressions, API Calls, AJAX, JSON, Sass, Bootstrap*** |
| ***Cloud Systems*** | ***ElephantSQL, Heroku*** |
| ***Libraries***  ***Software*** | ***Pandas, Scikit-learn, NLTK, TextBlob, jQuery, NumPy, SciPy***  ***Tableau, MATLAB, Microsoft Office Suite*** |

Professional Experience

**Coding Temple (Chicago, IL) December 2017 — Present**

**Data Engineer**

* Worked extensively with the Python data science stack (Pandas, Scikit-learn, NLTK, NumPy, SciPy, Matplotlib, TextBlob, RegExp, functional/dynamic/OO programming, SQL queries, TensorFlow, linear and logistic regression, KNN, K-mean, decision tree, random forest, SVM, neural networks, PCA, factor analysis, R analytics, Spark)
* Experienced in designing and implementing ERDs for various companies’ business models
* Connected Tableau to SQL server data to create graphical insights and analytical reports

**Research Assistant Summer 2014**

**University of New England’s Center for Excellence in the Neurosciences**

* Worked on a perirhinal cortex lesion study involving rat handling, electrode implant surgeries, fear conditioning, perfusions, and brain slicing, staining, and mapping
* Used MATLAB to visualize test rats’ fear-conditioned behavioral responses versus sham and control responses and to perform tests for statistical significance, bias, and error
* Presented on hippocampal-amygdalar fear conditioning pathways at UNE conference

Completed Projects

**Final Project —**

**Sample Full-feature Website —**

**Bitcoin/Weather Prediction — https://github.com/k0414834r/Startup**

**Pandas Movies — https://github.com/k0414834r/Stocks-Notebook**

**NLP Food Inspections — https://github.com/k0414834r/Movies-Notebook**

**Prophet / Matplotlib Stocks — https://github.com/k0414834r/Food-Inspections-Notebook**

Education

**Trinity College, CT**

**Bachelor of Science in Neuroscience, Summit Scholar**

**2013-2017**