

BRYAN BRATTLOF

Website: <https://bryanbrattlof.com>

E-Mail: hello@bryanbrattlof.com

Phone: +1 XXX-XXX-XXX

Software Engineer

A dedicated and detailed software engineer eager to apply creative, analytical and critical thinking skills to produce innovative solutions to technical goals.

EDUCATION

Tulane University

B.S. in Applied Computing & System Analysis focusing in Mathematics

New Orleans, Louisiana

Jan. 2015 — Aug. 2019

PROJECTS

- **Personal Website — bryanbrattlof.com** *Python, HTML/CSS, Jinja2, AWS, CI/CD*
Created a static website using Python, Jinja2, and Sass, hosted by Amazon Web Services (AWS), and built using Gitlab's Continuous Integration Pipeline
- **pyMLB — gitlab.com/bryanbrattlof/pymlb** *Python, Pandas, Numpy, Jupyter*
Created a Python library, including examples in jupyter notebooks, to pull statistics from mlb.com and place the information into Pandas DataFrames for further and more complex analysis
- **Neural Network From Scratch — gitlab.com** *Python, Jupyter, Pandas, Numpy*
Implemented a traditional feed-forward neural network to classify the MNIST database of thousands of hand written numbers using only Python: gitlab.com/bryanbrattlof/mnist-digit-recognizer

WORK HISTORY

Ranch Manager — San Antonio, Texas

Jan. 2012 — Jan. 2015

Collaborated with owners to facilitate new construction projects, maintain existing equipment and infrastructure, while planning and organizing the efficient care for property and livestock.

Pilot — San Antonio, Texas

Jun. 2007 — Jan. 2012

Recorded over 200 hours of flight time while serving as a linemen and volunteer with local gliding club, towing and organizing airport activities.

TECHNICAL SKILLS

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|----------|--------------|-------------|-----------------------------------|--------------|
| • Python | • Unix/Linux | • Git | • Jupyter | • Pandas |
| • NumPy | • Bash | • Jinja2 | • L ^A T _E X | • Matplotlib |
| • AWS | • HTML/CSS | • Sass/Scss | • SQL/NoSQL | • JavaScript |

GitLab: gitlab.com/bryanbrattlof

Kaggle: kaggle.com/bryanbrattlof

LinkedIn: linkedin.com/in/bryanbrattlof

Twitter: twitter.com/bryanbrattlof