

<https://www.cybercoders.com/nlp-engineer-job-548188>

What You Need

Advanced degree in a quantitative discipline, e.g., Mathematics, Linguistics, Computer Science

" 2+years industry or academic experience in applied NLP a must

" Demonstrates proficiency with:

" Java and Python

" OCR libraries such as Tesseract, PyOCR, OpenCV, .NET OCR SDK, etc.

" Extracting, cleaning, preprocessing data sets. Familiarity with NumPy and Pandas

" Supervised and unsupervised machine learning techniques.

This includes regression models, decision tree models, clustering, and deep learning. Hands-on experience with **Scikit-learn, Tensorflow, Keras, or PyTorch**

" Data visualization and performing model diagnostics.

Understand learning curves, work with tools such as Matplotlib, Tableau, etc.

" Familiarity with rule-based NLP, including CFG, constituency and dependency parsing, as well as their statistical variants.

Experiences using NLTK, spaCy, or Stanford NLP

" Specialization in OCR is strongly preferred. Understanding of Transformers, ELMo, BERT is preferred but not required

" Experiences with healthcare industry practices and medical coding a plus, but not required

Research experience in the one of the following fields: programming languages, program synthesis, software engineering, machine learning, or human-computer interaction

From <https://careers.microsoft.com/students/us/en/job/893763/Research-Intern-Program-Synthesis-and-AI>

- Active Clearance
- MS or PhD in a scientific field such as Statistics, Mathematics, Computer Science, or Data Science or 2+ years of relevant work experience
- Familiarity with handling and analyzing data at scale, for example using **Hadoop, Dask, Spark, and MapReduce**
- Working knowledge of data store tools such as SQL and Elasticsearch, and experience interacting with databases
- Experience with deep learning and neural network training, testing, and evaluation with fluency in **Tensorflow or PyTorch**
- Specialized expertise in a data-rich field such as time-series analysis, graph analytics, geospatial analysis, image processing, or Bayesian programming

From <https://www.stresearch.com/data-scientist.html>

- Strong toolkit of quantitative and qualitative analytical techniques rooted in business, economic and statistical analysis
- Examples of business analysis include: market competitiveness, financial analysis, social media monitoring
- Examples of statistical analysis include: linear regression, logistic regression, non-parametric statistics, probabilistic modelling, spatial modeling
- Passionate about telling stories using data
- Desire to get hands dirty working with data every day, balanced with ability to surface insights that shape new products
- Proficient with Microsoft Excel and PowerPoint, or able to generate compatible outputs using other tools, e.g. csv files
- Some experience with statistical packages (e.g. R, Python, SPSS, SAS, STATA)
- Working knowledge with Python NLP packages like **Spacy, NLTK and pycorenlp**.

- Must be enrolled in a M.S./Ph.D. program in Computer Science or Electrical Engineering
- 3+ years of research or practical experience in applying deep learning on large scale and real world data
- Knowledge in deep learning topics including but not limited to detection, segmentation, 3D perception, and spatial-temporal analysis

From

<https://www.indeed.com/viewjob?viewtype=embedded&jk=acb0f10ccef810&from=vis&tk=1ei6s887j0gfc000&topwindowlocation=%2Fjobs%3Fq%3Dinternship%26%3DWoburn%252C%2520MA%26radius%3D10%26ts%3D1599961317580%26rg%3D1%26rsld%3D0%26fromage%3Dlast%26newcount%3D16%26vjk%3Dacb0f10ccef810>

Experience managing, coding, and analyzing qualitative data using content analysis software (e.g., Dedoose, NVivo, AtlasTi).

- Experience with Deep Learning Techniques
- Any publications in such as ICML, CVPR, NeurIPS

From

https://www.linkedin.com/jobs/search?currentJobId=1909731931&distance=10&f_LF=f_AL&f_TPR=r86400&geold=102380872&location=Boston%2C%20Massachusetts%2C%20United%20States&sortBy=DD&start=350

- Analytics / Forecasting
- Artificial Intelligence / Semantic reasoning / Machine Learning
- Autonomy / Collaborative swarm behaviors
- Command & Control
- Computational imaging
- Cyber Security / Cyber Physical
- Distributed Systems
- Logistics
- Next-generation Networking and Communications
- Non-traditional computing
- Photonic integrated circuits
- Positioning, Navigation and Timing
- Quantum Information Processing
- Sensor Systems / Lidar / Radar / Undersea acoustics
- Speech, Language & Multimedia
- Synthetic Biology / Biotechnology

From

https://www.linkedin.com/jobs/search?currentJobId=1918123715&distance=0&f_TPR=r86400&geold=104597301&keywords=research&location=Cambridge%2C%20Massachusetts%2C%20United%20States

- Experience with time series analysis (Prophet, arima, deepar, lstrms)
- Experience writing maintainable, testable, production-grade Python code
- Understanding of different machine learning and deep learning algorithm families and their tradeoffs
- Experience with deep learning libraries and frameworks (Scikit-learn, XGBoost, TensorFlow, Keras, PyTorch, etc.)
- Selenium and SeleniumGrid
- Data analytics, data mining, or other data science skills
- Database experience, preferably working with Mongo databases
- Experience working with data in Information Security, Cybersecurity, or Threat Intelligence
- Experience working with bulletin boards and forums

From

<https://www.indeed.com/viewjob?viewtype=embedded&jk=862e1e8a580b8334&from=vis&tk=1eegb7vq6351p000&topwindowlocation=%2Fjobs%3Fq%3DData%2520Science%26%3DBoston%252C%2520MA%26radius%3D10%26fromage%3D3%26vjk%3D862e1e8a580b8334>