**James Anton**

Phone +1 760 884 4612

Email: [greywolf03054@gmail.com](mailto:greywolf03054@gmail.com)

Address : Bremen, Germany

Skype: live: .cid.349e6f8a946aa116

**NLP | ML Engineer | Mathematician**

**SUMMARY**

Passionate natural language processing engineer who has 10 years of experience with powerful mathematics behind ML algorithms and confidence background in statistics, algebra, calculus. I have sufficient experience in cloud platforms and developing several chatbots based on GPT3, 3.5.

**KEY SKILLS**

**ChatBot**

**Deep Learning**

**Machine Learning**

**Natural Language Processing**

**Data Processing**

**MLOps**

**Data Science**

**Statistics**

**Time Series**

**TECHNICAL SKILLS**

Python, C++, C#, spaCy, PyTorch, ChatGPT2, ChatGPT3, BERT, Transformers, Matlab, R, Scala, SQL, Git, Docker, RDBMS, AWS SageMaker, AWS Lambda, AWS S3, AWS EC2, Azure, GCP, Cloud Computing, Spark, Hadoop, CUDA, Tensorflow, Keras, Scikit-Learn, Pandas, NumPy, Seaborn, matplotlib, SciPy, Web scraping, selenium, scrapy, Open-CV, Terraform, Tableau, redshift, Jupyter, Kafka

**PROFESSIONAL EXPERIENCE**

**Senior ML Engineer | NLP engineer**

*08/2017 – Present*

*New York City, United States*

**Dataminr *∙ Full-time***

∙ Designed, Developed, Fine tuned and deployed machine learning and deep learning models for various company applications with OpenAI, AWS(sagemaker, EC2, S3, kubernetes) and other MLOps platforms

∙ Developed and Deployed many ChatGPT(2, 3) based Applications and Chatbots (Companysite, Discord, Telegram, Whatsapp)

∙ Designed, developed and deployed Resume Parsing, using BERT with GCP, HuggingFace increased the accuracy by 95%

∙ Designed, tested, and deployed new artificial intelligence functionalities for 7 major projects of the company worth $4.7M in total

∙ Constructed decison tree models to optimize algorithms to better target the learning audiance by 15%

∙ Developed and deployed eye tracking algorithm using CNN deep learning model with AWS sub systems to achieve high accuracy and wide population coverage

*Skill Requirement : NLP, spaCy, ChatGPT2, 3, BERT, GCP, Vertex AI, Machine Learning, Tensorflow, Tableau, NLTK, Computer Vision, pytorch, scikit-learn, Mathematics, Python, C++, DevOps CI/CD, SQL, Kafka, Docker, spark, AWS S3, AWS SageMaker, AWS EC2, Azure, APIs, ETL, pandas, NumPy, matplotlib, Tensorflow*

**ML Engineer | Data Scientist**

***Remi AI ∙ Full-time***

*08/2013 – 07/2017*

*Millers Point NSW 2000, Australia*

∙ Design, implement and test large-scale machine learning models and Analyzed marketing datasets

∙ Implemented the early machine learning and deep learning techniques to improve the accuracy of the SER model to 94.4%, cooperating with machine learning engineers and audio engineers

∙ Cleaned and integrated large sets of structured and unstructured datasets for use in ML models and products

∙ Develop and deploy computer vision algorithms in Linux GPU environment

∙ Prepared dataset, designed and trained Machine Learning model capable of classification

with 98% accuracy

∙ Prepared docker containers running Fast API’s of the application

*Skill Requirement : , NLP, spaCy, NLTK , Machine Learning, Tensorflow, pytorch, scikit-learn, Terraform, Vertex AI, Tableau, Deep Learning, Mathematics, GCP, web scraping, selenium, scrapy, Computer Vision, Python, C++, C#, R, Hadoop, Hive, SQL, Terraform, Vertex AI, APIs, ETL, AWS, pyspark*

***QBurst* *∙ Part-time***

*06/2012 – 07/2013*

*Chantilly, Virginia, United States*

**Machine Learning Engineer Intern**

∙ Predicted product sales to within 2% by applying logistic regression model

∙ Achieved customer segmentation algorithm in Python leading to 19% increase in market share

∙ Integrated AI and ML into smart home applications that solve real problems

∙ Contribute to research projects that develop a variety of algorithms and systems in computer vision, image and video analysis

*Skill Requirement: Machine Learning, Computer Vision, NLP, Python, C++, R, Scala, Matlab, SQL, MongoDB, ETL, Azure, AWS*

**EDUCATION**

**Tsinghua University**

*09/2010 – 04/2012*

*Bachelor degree of Computer Science*

**Tsinghua University**

*Bachelor degree of Mathematics 09/2006 – 04/2010*

**Languages**

**∙** English (Full Professional Proficiency)

**∙** Chinese (Full Professional Proficiency)