PEREGRINE FOX

NLP Data Scientist

CONTACT

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(123) 456-7890 ☎

Laurel, MD 📍

LinkedIn 🔗

EDUCATION

Bachelor of Science
Computer Science
Johns Hopkins University
2014 - 2018
Baltimore, MD

SKILLS

Mozilla DeepSpeech
SyntaxNet
BigARTM
SentiWordNet
Flair
Vowpal Wabbit
BERT
MXNet
CoreNLP
Scala

WORK EXPERIENCE

NLP Data Scientist

Johns Hopkins University Applied Physics Laboratory

2021 - current / Laurel, MD

- Spearheaded the implementation of Mozilla DeepSpeech for speech recognition tasks, reducing transcription time by eight seconds
- **Analyzed sentiment in 104 pages of textual data using SentiWordNet and Flair embeddings**
- Oversaw the integration of BigARTM for topic modeling in large document collections, reducing in manual review time by 33%
- Implemented natural language understanding algorithms using CoreNLP and Scala, enabling advanced text analysis capabilities

Project Coordinator

Allegis Group

2018 - 2021 / Hanover, MD

- Evaluated project communication data using Vowpal Wabbit, categorizing messages for a 29% faster response time
- Managed project budgets and expenses, **tracking expenditures against approved budgets and saving costs by $45,224**
- Trained and mentored seven junior project coordinators, solidifying their project management skills and capabilities
- Used BERT for natural language understanding and semantic analysis of project documentation, such as project plans

Content Writer

HZDG

2017 - 2018 / Rockville, MD

- Authored compelling and engaging content for over 13 client websites, and blogs
- **Designed and executed three content marketing campaigns**, including email newsletters and e-books, to drive lead generation
- Conducted syntax analysis using SyntaxNet to enhance the flow of content, increasing readability scores by 23%
- Mastered MXNet models to analyze user interactions with content and dynamically adjust content recommendations