Woods A

Data Scientist, 7+ years experience
Echo Lake Park, United States
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Passionate about uncovering hidden patterns in data and transforming them into actionable insights. A creative problem solver with a background in mathematics and machine learning, committed to making data-driven decisions that drive innovation.

INDUSTRIES: Healthcare, Environmental Conservation

TECHNICAL SKILLS

• Machine Learning	7 years
• Statistical Analysis	7 years
• Python	7 years
• Data Visualization	6 years
• R	6 years
• Deep Learning	5 years
• GIS	4 years

SOFT SKILLS

storytelling with data, critical thinking, interdisciplinary collaboration

PROJECT DETAILS

• MediGenius July-2018 - Present

Project Description: Contributed to the MediGenius project, focused on accelerating medical research using AI. Developed deep learning models to analyze genetic data and discover potential disease markers.
Responsibilities: Designed neural networks for gene expression analysis, collaborated with geneticists to interpret results, and published research papers in renowned journals.
Technologies: R, Deep Learning, Medical Research
Industry: Healthcare

• EcoTrend March-2016 - October-2017

Project Description: Developed EcoTrend, an AI-driven environmental monitoring tool. Leveraged machine learning to analyze ecosystem data and predict trends for proactive conservation efforts.
Responsibilities: Built predictive models for species migration patterns, collaborated with ecologists to validate predictions, and presented findings to policymakers for informed decisions.
Technologies: Python, TensorFlow, GIS
Industry: Environmental Conservation

EMPLOYMENT HISTORY

• Data Scientist August-2015 - Present

Description: As a Data Scientist at InnoData Labs, I analyze complex datasets to derive insights and contribute to data-driven innovation.

CERTIFICATION

• Deep Learning Nanodegree by Udacity	2017
• Machine Learning Specialization by Coursera	2016

EDUCATION

• Masters degree in Applied Mathematics from Denver University 2010 - 2015

LANGUAGES

• English - intermediate

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