

Michael Wood, AI Engineer / Full Stack Developer / DevOps Specialist

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LINKS

[Portfolio Site](#), [Github \(200 Repositories\)](#), [Medium \(AI, ML, NLP Posts\)](#), [LinkedIn](#), [Hugging Face](#)

PROFILE

My passion for developing AI and full-stack webapps and websites is demonstrated in my seven-day-a-week GitHub repositories. I am looking for a position where I can contribute my combined skills of AI/ML engineering and full-stack development.

EMPLOYMENT HISTORY

Jul 2022 — Present

Senior Back-End Developer (AI Focused), PYMNTS

Fort Lauderdale

For more details, see [PYMNTS Letter of Recommendation](#).

Developed multiple production AI apps that dramatically increased productivity — directly contributing to the company's profitability. I programmed the front end and back end of [PYMNTS website](#) which receives over 10 million page views per month.

May 2012 — Dec 2021

Cybersecurity Development, Independent

Fort Lauderdale

Created multiple cybersecurity innovations, implemented in various languages. Patents: [US9467324](#), [US9742734](#), [US9882877](#), [US9992233](#), [US10320746](#), [US10348682](#), [US10574628](#), [US11044228](#).

EDUCATION

Jan 2022 — Apr 2022

Web Development Diploma, Brainstation

Miami

Finished top of class.

Sep 1987 — Aug 1989

Associate of Science, JCC

Jamestown, NY

Graduated with High Honors.

SKILLS

Python	Expert	Spacy, SciKit Learn, NLTK	Expert
LAMP (Linux, Apache, MYSQL, PHP)	Expert	Ionic Framework, Chakra UI	Expert
MERN (MongoDB, Express, React, Nodejs)	Expert	Javascript, CSS, Sass, HTML	Expert
Redux	Expert	Wordpress Development	Expert
Redis, Socketio	Expert	Natural Language Processing (NLP)	Expert
Qdrant, Pinecone	Expert	Machine Learning (ML)	Expert
Tensorflow, LangChain	Expert	Artificial Intelligence (AI)	Expert
OpenAI, Flan-T5, Bert, GPT	Expert	Hugging Face, Streamlit	Expert
Spark NLP, Stanford NLP	Expert		

ACCOMPLISHMENTS

Created Method for Eliminating LLM Hallucinations (Patent Pending)

Fort Lauderdale

See [public disclosure](#).

Created Invention Sold to Micromuse for \$98 million

New York

Created Auto Network Architect [sold to Micromuse for \\$98 million](#).

Created REDOC-II (currently the strongest block cipher)

Co-authored a published paper regarding REDOC-II with Dr. Thomas Cusick (PhD, Cambridge University, Cryptography). REDOC-II is the strongest block cipher.

Created Clinically Successful Medical Biofeedback System

Patented a novel biofeedback method that monitors real-time respiration using minute changes in heart rate. Clinically successful for anxiety, depression, and insomnia. The patent was acquired by a medical device manufacturer — Respironics.