

Fuschia McKoy Data Scientist

✉ fuschiamckoy@gmail.com ☎ 7048582352 📍 Fort Lauderdale, USA 🌐 fuschia-mckoy 🔄 Fuschiam

Profile

As a Data Scientist proficient in Python, Matplotlib, and Scikit Learn, I have consistently driven impactful data solutions through meticulous attention to detail and a collaborative team approach. My ability to quickly adapt and thrive under pressure has enabled me to deliver high-quality results in dynamic environments. Eager to continuously expand my technical expertise, I am passionate about leveraging data to solve complex challenges and contribute to the tech world.

Skills

Numpy, Pandas, Matplotlib, Jupyter Notebooks, Python, Codespaces, VSCode, SQL, Web Scraping, File Manipulation, API, Scikit-learn, Tensorflow, Natural Language Toolkit, Render, Streamlit, Flask, Power BI, Machine Learning Algorithms

Projects

Colon Cancer Detection Using Deep Learning,

HTML, Render, CNN, JavaScript, Python, KMeans, Flask, Supervised and unsupervised contrastive loss, [🔗](#)

- Leverage advanced machine learning algorithms to analyze digital pathology slides of colon tissue, extracting key features and patterns that indicate the presence of cancerous cells.
- Assist medical professionals by providing a second opinion and flagging potential areas of concern for further examination, leading to more accurate and timely diagnoses.
- Enhance efficiency by automating the initial analysis process, allowing pathologists to focus on complex cases and provide personalized patient care.
- Support early detection of cancer by identifying subtle abnormalities that may be missed by traditional manual methods, potentially improving treatment outcomes.
- Advance the field of medical technology by demonstrating the potential of AI in cancer diagnosis, opening doors for future innovations in healthcare.

Professional Experience

CEO, Alkaline Plant Based Foods

05/2019 – present

Fort Lauderdale, USA

- Spearheaded e-commerce strategy, increasing revenue within 12 months using Google Analytics.
- Developed and launched 5 new products, resulting in a 20% market share growth.
- Optimized marketing campaigns through A/B testing, boosting conversion rates by 25%
- Delivered 50+ client presentations via Zoom, enhancing client engagement and retention by 15%.

Financial Advisor, Edelman Financial Engines

04/2022 – 07/2023

Fort Lauderdale, USA

- Boosted client retention through persuasive communication and reinforcing EFE values.
- Increased new asset acquisition, leveraging financial analysis tools like Excel.
- Developed tailored financial solutions, achieving a rise in client investment goal attainment.
- Educated 100+ clients on financial strategies, enhancing their portfolio performance by 15%.
- Reduced compliance risk by 40% through rigorous quality assurance and adherence to fiduciary guidelines.

Education

Data Science, 4Geeks Academy

05/2024 – 09/2024

Fort Lauderdale, USA

BSBA Economics and Mathematics, University of North Carolina at Charlotte

08/2007 – 05/2011

Chancellor's List, Dean's List, International Economics Honors Society (President), National Society of Collegiate Scholars, Golden Key International Honors Society GPA: 3.5

Charlotte, USA