Firstname Lastname

123-456-7890 | University Email | linkedin.com | github.com

Education

T20 University - GPA: 3.75 August 2022 - May 2026

BS in Computer Science, Minor in Data Science *University Location*

- Relevant Coursework: Multi-variable Calculus, Linear Algebra, Computational Thinking, Discrete Math, Data Structures and Algorithms, Practical Machine Learning, Web Development, Systems Programming, Probability and Statistics, Tools and Models in Data Science

Experience

Data Engineer Intern May 2024 – August 2024

Fintech Company *Company Location*

- Identified over 10,000 account anomalies using an ensemble of One-Class Classification models (One-Class SVM, Isolation Forest), potentially resulting in an estimated $1.6 million annual revenue increase
- Classified thousands of accounts into specific company programs by implementing multiclass XGBoost with 0.86 total accuracy and 0.73 average f1 score
- Managed and transformed hundreds of thousands of database entries with SQL functions and stored procedures
- Facilitated transfer of data into Microsoft Fabric Data Lake using multiple data pipelines

Data Science Team Lead January 2024 – May 2024

Some Data Science Club in University *University Location*

- Led a data science team that provided analysis and statistical modeling for nonprofits
- Analyzed, preprocessed, and cleaned dataset of consisting of over 2000 clients using pandas
- Presented findings and produced over 15 high-quality visuals using Plotly and providing actionable insights on client demographics and outreach strategies

Undergraduate Research Assistant September 2023 – May 2024

University *University Location*

- Achieved f1 score of .98 by developing binary classification Model with Vision Transformers in detecting malignant skin lesions
- Demonstrated that obstructions on skin lesions reduce model F1 score by 45%, highlighting the need for obstruction-removal techniques
- Fine-tuned VGG16, ResNet50, and MobileNetV2, experimenting with various Deep Learning Neural Network models to optimize performance for skin lesion classification

Projects

HosVol | *React.JS, Git, AWS, Spring Boot, MySQL*

- Full Stack website implemented with React.js frontend and Spring Boot backend that allows organizations to post and users to sign up for volunteering opportunities
- Implemented JWT refresh tokens for secure authentication and authorization
- Facilitated easy tracking and reminders of volunteering opportunities with google calendar integration

Fitness Social Media Blog | *React.JS, Git, Heroku, Express, Node.js, MongoDB*

- Developed a fitness-focused social media and blog platform using a RESTful API
- Ensured a seamless user experience with a responsive and mobile-friendly website design
- Used cookie session to implement user authentication and authorization

Technical Skills

Languages: Java, Python, JavaScript, HTML/CSS, C, SQL, TypeScript, Go

Frameworks: React, Express, PyTorch, Spring Boot, PySpark

Tools: Git, AWS, Microsoft Fabric, Node.js, MongoDB, MySQL

Libraries: pandas, NumPy, Matplotlib, Tensorflow, SciKit Learn, Plotly, JUnit