Jonathan Jostar

Machine Learning Engineer

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Machine learning engineer with 10 years of experience implementing statistical machine learning solutions and demand forecasting models to improve forecast accuracy. Key achievement: optimized personalization algorithms for 25+ applications with 372K users.

RELEVANT WORK EXPERIENCE

Resume Worded, New York, NY 2015 – Present

Machine Learning Engineer

- Tracked the health of 15+ robots using React/Redux with NodeJS backend and Python scripts, which collected 100TB of data from its sensors.
- Designed a deep learning model to detect and classify anomalies in the manufacturing process of 34+ industrial robots, reducing 83% of their monthly downtime.
- Researched TensorFlow LSTM networks for speech recognition, OpenCV object tracking algorithms, and 11+ new technologies; enhanced 74% of a dancing robot's performance.
- Conceived and created a machine learning algorithm that detects deviant behavior in robots using SIFT, HOG, and 20+ other computer vision methods.

Growthsi, San Francisco, CA 2013 – 2015

Automation Engineer

- Enhanced an automatic data processing machine performance by analyzing, testing, and debugging 2500+ lines of code.
- Developed work instructions and algorithms for 30+ newly installed hardware, converting Growthsi production floor from manual to 100% computer-controlled.
- Established computerized process efficiency standards and implemented procedural controls; reduced overhead for 300+ clients and increased their annual sales profits by $150K YoY.
- Created a computer program to monitor the performance of 45+ robotic arms and coordinate their functions based on the diagnostics from the computer.

Resume Worded Exciting Company, San Francisco, CA 2011 – 2013

Computer Systems Analyst

- Examined desktop usage patterns based on analysis of 10 TB of data from call center reports; created a solution that boosted employee productivity by 78%.
- Identified and resolved issues of network performance degradation, increasing system availability from 48% to 97% in the first month.
- Designed algorithms to enhance data throughput between 50K mobile users and base stations while working on the largest network upgrade for RWEC.

EDUCATION

Resume Worded University, New York, NY 2011

Bachelor of Science — Electrical Engineering and Computer Science

SKILLS

Technical Skills: Deep Learning (Advanced), PredictiveModeling (Experienced), Statistical Analysis, Algorithms
Languages: English (Native), German (Fluent), French(Conversational)