Abhinav Madahar

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EXPERIENCE

Oracle, Inc.   May 2019 — August 2019
Data Science Intern   Santa Clara, CA

· Developed CNN-based, LSTM-based, and GRU-based time series models to predict cloud service usage
· Demonstrated that my deep learning model outperformed the team's existing models
· Currently deploying models to production
· Used generative sequence-to-sequence models to project revenue from various teams
· Won Peer-to-Peer Award for automating major business tasks, saving hundreds of work hours per year

Johnson & Johnson   May 2018 — August 2018
Medical Devices Data Science Intern   Somerville, NJ

· Used RNNs and CNNs to recognize human activity using wearable sensor data
· Predicted post-op complications using real-world electronic health data
· Used high-performance Linux utilities to remove bottlenecks in data preprocessing pipeline
· Applied other machine learning techniques, including SVMs and random forests
· Presented my teams deep learning innovations to company leaders

Prof. Gerard de Melo Lab   September 2017 — August 2018
Research Assistant   Rutgers University

· Improved a query-based text summarizer using RNNs with attention
· Improved stability of new search engines
· Developed programs to evaluate and improve deep learning models
· Deployed the labs models onto Rutgers supercomputers

AWARDS

Oracle Peer-to-Peer Award   July 2019

· Won for automating grueling bureaucratic work using Jupyter lab

Google Award for Data Science   February 2018

· Won for Developing ASSIST, a stroke survival predictor. Read about it in the Projects section

ARTICLES

Querysum Model Trains Faster With 300-dimensional Word Embeddings   August 2018

PROJECTS

ASSIST   December 2017 — January 2018

· Used supervised learning to predict whether a stroke patient will survive for 14 days
· Won Google award for data science, John Snow data science award, and HopHacks award for 3rd place overall best project

EDUCATION

Rutgers University, New Brunswick   September 2017 — Present
B.A. in Mathematics
Minors in Biology and Computer Science