Abhinav Madahar

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EXPERIENCE

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

· Won Peer-to-Peer Award for automating major business tasks, saving hundreds of work hours per year
· Developed sequence-to-sequence LSTM-based time-series model to predict cloud service usage
· Implemented generative models as alternatives to existing classification and regression models

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

Google Award for Data Science February 2018

· Won for Developing ASSIST, a stroke survival predictor. Read about it in the Side 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 3 rd place overall best project.

EDUCATION

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