

AvivGoldgeier

EXPERIENCE

2015 – 2016

RESEARCH INTERN – NYU Music and Audio Research Laboratory

- + Worked alongside Cornell Lab of Ornithology developing automatic flight call detection system using digital signal processing and machine learning. Significantly improved baseline.

2015, 2016

DATA SCIENCE INTERN – iHeartRadio

- + Summer 2015: Used deep learning to create an audio-based model for music taste profiles
- + Spring 2016: Built upon previous work, slimming down model by correlating which features of model most affected human audio perception

EDUCATION

2012 – 2016

B.M., MUSIC TECHNOLOGY – New York University

- + 3.877 GPA, *magna cum laude*, Steinhardt Scholar
- + Honors minor in computer science
- + Represented NYU at ICPC, 2013 and 2014

COURSEWORK

Music Information Retrieval

Natural Language Processing

Game Audio

Digital Signal Theory 1 & 2

Computer Systems Organization

Analog + Digital Electronics

SKILLS

LANGUAGES (AND PACKAGES)

- + Python (numpy, sklearn, pandas, theano, jupyter), MATLAB, Javascript (angular), PostgreSQL, Java, HTML, CSS

OTHER

- + Professional pianist, amateur birdwatcher

REFERENCES

AVAILABLE UPON REQUEST!