Remi Choi

CONTACT

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EDUCATION

University of Maryland, College Park, MD **2017 - 2020**
B.S., Computer Science, 3.55/4.0
Relevant Coursework:
• Artificial Intelligence • Machine Learning • Data Science • Intro to Neuroscience

EXPERIENCE

Chartmetric
Data Scientist Intern **Summer 2020**
- Derived artists' country from music genre tags and Spotify listener data, increasing artist country data coverage by 300,000+ artists.
- Implemented an anomaly detection class for artist performance that interpolated missing data and tiered artists before returning anomalies based on a moving average.
- Created a pipeline to detect bad data for 92,502 artists using K-means clustering.

University of Maryland
Teaching Assistant **Spring 2020**
- Graded and handled regrade requests on homework, projects, and exams for 291 students.
- Clarified concepts and taught foundational statistics to students in weekly office hours.

Child Development Lab
Research Assistant **Fall 2019, Spring 2020**
- Implemented an ETL workflow in MATLAB to label stimulus time markers in raw EEG data.
- Halved load time on existing R scripts by adding a filtering algorithm.

Iribe Initiative for Inclusion & Diversity in Computing
Tutor **Spring 2019 - Spring 2020**
- Offered 1-on-1 tutoring and led weekly group study sessions for junior level computer science courses.

Tiwary Lab
Research Intern **Fall 2018**
- Researched reservoir computing to compare with the lab's current machine learning models.

PROJECTS

Predicting Facial Movement
- Multiple machine learning models implemented in Python to detect facial movement.
- Used SVC, neural network, and KNN as one-vs-all estimators on EMG data to classify facial expressions.
- Detected facial activity with 89% accuracy.
- Work presented as a poster at Undergraduate Research Day.

SKILLS

Proficient: Python, R, SQL
Familiar: Java, C, OCaml, Prolog
Tools & Technologies: Git, AWS, Apache Spark, LaTeX

HONORS

Dean's List @ UMD 3.5+ GPA must be maintained.
Malone Scholar @ Mary Baldwin University Merit-based full scholarship awarded to one student per incoming class. 3.75+ GPA must be maintained.
Program for the Exceptionally Gifted A gateway program that grants qualified students from ages 13 to 16 early entrance to college.