

Ted Jesus C. Chua

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EDUCATION

BA, Economics and Mathematics

Emory University, Atlanta, GA, Aug 2017 – Aug 2021

PROJECTS

U.S. Housing Prices During the Great Recession

Dec 2020

- Created a log-log model of residential property sales to estimate the impact of a recession on the elasticity of housing prices with changes in the lot area

The Role of Education and Secularism on Political Preferences

Nov 2020

- Specified a linear regression model to examine how education and secularism affect voters' political preferences in the context of the 1980 U.S. presidential election

Cardiovascular Disease Classification

Mar 2020

- Performed regularized logistic regression to classify cardiovascular disease, achieving a model accuracy of 70%

Song Genre Prediction

Mar 2020

- Implemented tree-based methods on Spotify data to predict the genre of a song based on audio features

Text Analysis of Bruno Mars' Music

Jan 2020

- Utilized word frequencies and sentiment analysis to compare & contrast Bruno Mars' three studio albums

WORK HISTORY

Research Analyst

Sept 2019 – Dec 2019

Emory Division of Pediatric Infectious Diseases

Atlanta, GA

- Analyzed virus-cell fusions in Icy and ImageJ at the Melikian Lab to identify colocalizations, viral entry, and particles that culminate in infection

Safety and Security Intern

May 2019 – Aug 2019

Atlanta Department of Watershed Management

Atlanta, GA

- Communicated proper protocols of legally restoring service with Atlanta residents who are under investigation for illegal water consumption
- Researched properties flagged for water theft to determine discrepancies between tenant occupancy, billing information, and other relevant information

Research Assistant

Sept 2018 – Apr 2019

Emory Clinical Cardiovascular Research Institute

Atlanta, GA

- Collaborated with a team of researchers to manage the database of 7000+ patients who undergo cardiac catheterization at Emory University Hospital
- Evaluated diagnostic reports on patients' cardiovascular health to gather relevant findings for research in the genetic basis of cardiovascular disease

Summer Sales Associate

Jul 2018 – Aug 2018

Staples, Inc.

Raleigh, NC

- Provided customer service in a fast-paced environment: addressing customer inquiries, processing kiosk orders & point-of-sale transactions, restocking merchandise, and answering phone calls in a timely manner

ADDITIONAL INFO

Languages: Tagalog, English

Software: Python, R