

Ted Jesus C. Chua

919-208-0376 | Atlanta, GA | tchua@emory.edu

Education

BA, Economics and Mathematics

Emory University, Aug 2017 - Jun 2021

Projects

Data Analysis

- ❖ Specified a *multivariate linear model* to examine the role of education and secularism on voters' political preferences in the context of the 1980 U.S. presidential election
- ❖ 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
- ❖ Utilized *word frequencies and sentiment analysis* to compare & contrast Bruno Mars' three studio albums

Predictive Modeling

- ❖ Implemented *tree-based methods* on Spotify data to predict the genre of a song based on audio features
- ❖ Performed *regularized logistic regression* to classify cardiovascular disease with an accuracy of 70%

Work History

Emory Office of Advancement & Alumni Engagement

Atlanta, GA

User Experience Coordinator

Sept 2020 - Present

- ❖ Streamline data management tasks for the user experience team using Python
- ❖ Conduct weekly audits of alumni events to ensure that they were properly created on the backend
- ❖ Assist alumni with online community access, alumni email setup, and data update requests

Emory Division of Pediatric Infectious Diseases

Atlanta, GA

Research Analyst

Sept 2019 - Dec 2019

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

Atlanta Department of Watershed Management

Atlanta, GA

Safety and Security Intern

May 2019 - Aug 2019

- ❖ 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

Emory Clinical Cardiovascular Research Institute

Atlanta, GA

Research Assistant

Sept 2018 - Apr 2019

- ❖ 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

Staples, Inc.

Raleigh, NC

Sales Associate

Jul 2018 - Aug 2018

- ❖ 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
- ❖ **GitHub Profile:** github.com/teddythepooh