

Ted Jesus C. Chua

919-208-0376 | Chicago, IL | chuattedjesusc@gmail.com

EDUCATION

Emory University

BSc, Quantitative Economics

Atlanta, GA

Aug 2017 – Aug 2021

- Courses: Econometrics, Financial Econometrics, Mathematical Statistics I / II, Advanced Statistics, Abstract Vector Spaces, Linear Algebra, Linear Optimization, Nonlinear Optimization, Empirical Methods & Machine Learning

PROFESSIONAL EXPERIENCE

Urban Crime Lab

Data Analytics Associate

Chicago, IL

Jul 2022 – Present

- Conduct statistical analysis of randomized controlled trials that implement and rigorously evaluate violence intervention initiatives at the University of Chicago
 - * Presented ad-hoc reports that inform strategic decision-making and external communications
 - * Coordinated with the research team of Youth Advocate Programs to finalize study findings, including but not limited to analyzing engagement quality over time and identifying heterogeneous treatment effects
 - * Designed modular pipelines in Python that process public policing data—totalling tens of millions in observations across 20+ cities—to determine violent police districts for recruitment into the Policing Leadership Academy
- Develop experimental designs to address research questions in collaboration with all levels of internal staff
- Maintain GitLab codebases and engaged in peer code review for replicability and compliance with data privacy regulations
- Mentor a summer-fall intern by managing workstreams and setting weekly check-ins to foster professional development

UNDERGRADUATE EXPERIENCE

Emory Office of Advancement and Alumni Engagement

User Experience Coordinator

Atlanta, GA

Sept 2020 – Apr 2021

Emory Division of Pediatric Infectious Diseases

Image Analyst (Melikian Lab)

Atlanta, GA

Sept 2019 – Dec 2019

Atlanta Department of Watershed Management

Safety and Security Intern (Watershed Investigations)

Atlanta, GA

May 2019 – Aug 2019

Emory Clinical Cardiovascular Research Institute

Research Assistant

Atlanta, GA

Sept 2018 – Apr 2019

ADDITIONAL INFO

Languages: Filipino, English

Software: Python, R

Portfolio: teddythepooh.netlify.app