NATAN **CORESH-CHIAPPORI**

+1(301)356-4260 **|** natan.chiappori@gmail.com **|** www.natancc.netlify.app

EDUCATION

April 2024 - Present MORGAN STATE UNIVERSITY, GPA: 3.83 (current, expected)
Masters in Applied Neuroscience (Thesis Track, Partially-Funded Academic Scholarship)

- Coursework - Computational Brain Data Analysis, Learning and Cognition, Statistical Methods, Molecular & Behavioral Neuroscience, Scientific Communication & Ethics.
- At Johns Hopkins University: Epidemiologic Inference in Public Health I

2019-2022 UNIVERSITY OF MARYLAND COLLEGE PARK
B.A. in Economics with a minor in General Business, June 2022

- Coursework - Game Theory, Calculus, Intro to Psychology, Macro & Micro Economics.
- Maryland Men's Rowing - Varsity 1V Rower (1st Boat)

RESEARCH & WORK EXPERIENCE

RESEARCH COORDINATOR & LAB TECHNICIAN - NEUROBIOLOGY OF STRESS LAB
MORGAN STATE UNIVERSITY | December 2024 - Present | Baltimore, MD

- Implemented a computer-mediated Cyberball social exclusion paradigm to examine how interactive game dynamics influence users' behavioral, affective, and physiological responses (NIMHD 2024).
- Testing a machine learning-based visual tracking model (SLEAP) for mouse behavior.
- Maintaining and coding 90's era lab hardware/software (MEDPC Programming Language) used in physiological and behavioral studies, ensuring reliability for data collection.

BUDGET ANALYST/LM DEPLOYMENT - OFFICE OF RESEARCH ADMINISTRATION
MORGAN STATE UNIVERSITY | April -December 2024 | Baltimore, MD

- Fine-tuned and piloted a custom Language Model to assist Principal Investigators in navigating complex grant submission requirements.

FULL-TIME CONSULTANT/BUSINESS ANALYST
INTELECT CORPORATION | April -December 2024 | Baltimore, MD

- Conceptualized and led development of a low-cost cloud-based Asset Tracking App using Google AppSheet.
- Collaborated with a remote developer to implement and deploy the system, resulting in recovery of $10,000+ in company equipment through insurance claims.
- Devised an out-of-the-box Project Management solution and unique web forms saving 1000+ hours of company time and increasing customer trust. Having a lasting effect on operation

INTERN
GINGER SOFTWARE | June -August 2019

- Developed and presented a deep competitive analysis using Software Testing and Market Data for Ginger's cutting-edge Grammar API.

RESEARCH FOR DR. ADAM KALAI
2020–2021

- Working for Dr. Adam Kalai, Senior Researcher at Microsoft Research – I evaluated Dotsies, a new alphabet system focused on chunking rather than letter-by-letter reading..

PUBLICATIONS & PROPOSALS

- (In-Process) Coresh-Chiappori, N., Boyer, T., A.R. Sharrett, I. Tulloch (2025). "Hypertension and Sustained Attention Across the Adult Lifespan: Evidence from the All of Us Research Program Including 18,996 Participants"
- (In-Process) Coresh-Chiappori, N., Chen, Y. C. (2025). "The Current State of Stem Cell Therapies for Neurological Disorders: A Meta-Analysis of Cell Types, Risks, and Translational Outcomes"
- (Submitted) Designing Dignity: An AI Tool for Independent Aging in Germany

SCHOLARSHIPS, GRANTS & AWARDS

- $5,000 Independent Research Grant - Exploring Human-AI Intimacy
- Emory School of Medicine AI Datathon (2025) – 1st Place Winner; led cross-national team, developing a data project about bias in Medical Imaging embeddings –Link to Presentation–
- Cloud Computing Grant for the All of Us Dataset Training Academy at RTI (award 2U54MD013376-06A1) Slides
- Morgan State Graduate Academic Scholarship.
- Maryland Rowing - Doubles Gold Medalist.

SKILLS & LANGUAGES

SKILLS: Python, Scientific Writing, Mixed Methods Research, Human Study Design.
LANGUAGES: English, Spanish, German.
CERTIFICATIONS: Deep Learning on Coursera, Skipper for Cross-Atlantic Boat Sailing. **BLOG:** www.thewhylab.blog