Liam L. Hiester

(973) 907 - 6075 www.linkedin.com/in/liam-hiester liam.hiester@columbia.edu

SUMMARY

Efficient and analytical professional with experience working on a collaborative team in order to propel projects forward, while developing an organized pipeline for reproducibility. Strong research understanding with exposure balancing stakeholder motives. Passionate about applying analytic skills in order to recommend data-driven decisions.

KEY COMPETENCIES

Teamwork and Collaboration	Oral and Written Presentation	Microsoft Office Suite
R Coding Language and RStudio	Machine Learning	Time Management

EDUCATION

Columbia University, New York, NY — Expected May 2023
M.S. Applied Analytics, GPA: 4.00
Relevant Course Work: Applied Analytics in Organizational Context, Applied Analytics Frameworks and Methods I & II, Research Design, Storytelling with Data, Managing Data, Strategy and Analytics, Intro to Finance

Rutgers University Honors College, New Brunswick, NJ — May 2020
B.A. Cell Biology and Neuroscience, Summa Cum Laude, GPA: 3.94

PROFESSIONAL EXPERIENCE

Seaver Autism Center at Mount Sinai, New York, NY — July 2020 – August 2022
Associate Researcher *– Drug Discovery and Development Collaborator*
- Collected, normalized, and restructured data for slide decks and grant proposals
- Determined KPIs for reproducible analysis in publication driven experiments
- Managed multiple projects to maximize team's efficiency

Rutgers University, Piscataway, NJ — June 2017 - May 2020
Research Assistant in Firestein Laboratory
- Conducted independent research, focused on spinal cord injury, culminating in a senior honors thesis
- Awarded consistent funding ($2,750 total) for self-directed research and defended findings annually at research symposium
- Earned departmental and university-wide awards for thesis defense

Icahn School of Medicine at Mount Sinai, New York, NY — June 2018 - November 2019
SURP Student in Hof Laboratory
- Admitted into highly selective, fully-funded summer undergraduate research program (SURP) – 5% admittance rate
- Invited to continue research throughout school year and return the following summer to complete project for publication
- Presented findings twice at formal oral and poster symposiums at the Icahn School of Medicine

RELEVENT PROJECTS

- Machine Learning Model for GDP Prediction: linear regression, lasso regression, randomForest
- Credit Card Social Benefit Score Research Proposal and Data Simulation: R Markdown, linear regression
- Visualization of NYC Low Income Housing and Public Parks: R, Tableau
- Predicting Rent in NYC (Kaggle Project): linear regression, lasso regression, randomForest, xgboost

PUBLICATIONS (NAMED RESEARCHER)

- Liang, C., Carrel, D., Singh, N.K., **Hiester, L.L.**, et al. Carboxypeptidase E Independently Changes Microtubule Glutamylation, Dendritic Branching, and Neuronal Migration. ASN Neuro (2022).
- COVID-19 Host Genetics Initiative. Mapping the human genetic architecture of COVID-19. Nature (2021).
- Jacot-Descombes, S., Keshav, N.U., Dickstein, D.L., Wicinski, B., Janssen, W.G.M., **Hiester, L.L.**, et al. Altered synaptic ultrastructure in the prefrontal cortex of Shank3-deficient rats. Molecular Autism 11, 89 (2020).

LEADERSHIP EXPERIENCE

Program Outreach Coordinator and Instructor — May 2018 - May 2020
Rutgers Aresty Research Center, New Brunswick, NJ

Academic Tutor – Biology and Chemistry — September 2017 - May 2018
Rutgers Learning Center, New Brunswick, NJ

Honors College Mentor — September 2017 - May 2018
Rutgers Honors College, New Brunswick, NJ

ACHIEVEMENTS

Henry Rutgers Scholar Award (May 2020), Cell Biology and Neuroscience Thesis Award (May 2020), School of Arts and Sciences Class of 2020 Paul Robeson Scholar (May 2020), James Dickson Carr Scholarship (Entire Undergraduate), Dean's List (Entire Undergraduate)