

Samuel Hight Burns

burnssh@gmail.com

LinkedIn: www.linkedin.com/in/sam-burns-nyc

GitHub: <https://github.com/seeess1>

828-260-1069

Investigative analyst with a passion for understanding urban challenges and finding solutions through data.

WORK EXPERIENCE

NYC Campaign Finance Board, New York, NY

August 2017 - August 2018

Auditor

- Independently wrote a program using Python to improve a critical step in the Audit Unit's fraud detection protocol.
- Under strict, abbreviated deadlines, analyzed the financial activity of 19 campaigns during the 2017 NYC election cycle to ensure compliance with election law.
- Reviewed thousands of transactions and discovered patterns of fraudulent debits and credits.
- Vetted candidates' requests for more than \$2 million in public funds.

Quest Research & Investigations, New York, NY

July 2016 - February 2017

Investigator

- Wrote detailed, narrative reports that accurately summarized vast amounts of research on a wide array of topics.
- Corroborated factual information from multiple sources, including industry-standard databases, witness interviews, and other resources.

Manhattan District Attorney's Office, New York, NY

July 2013 - June 2016

Investigative Analyst for the Public Corruption Unit

- Analyzed thousands of documents, including financial, communications, and other records, to make sense of complex criminal activities.
- Utilized Palantir software to locate suspicious patterns of government expenditures.
- Used Excel to organize the dates, times, and locations of hundreds of events into one exhibit, which was used to indict a New York City employee for welfare fraud in March 2016.

EDUCATION

NYU, New York, NY

Expected graduation in May 2020

Master of Science in Applied Urban Science and Informatics

Current student

Davidson College, Davidson, NC

August 2006 - May 2010

Bachelor of Arts in Philosophy

Graduated Phi Beta Kappa, Cum Laude

CERTIFICATIONS

General Assembly, New York, NY

July 2017 - October 2017

Data Analytics

- Mastered data analysis tools to interpret large data sets and present findings through compelling visualizations.
- Discovered patterns in consumer behavior using Advanced Excel and SQL.
- Translated raw data into dashboards and other audience-friendly visual formats using Tableau.
- Presented 3 projects using slide decks that highlighted novel findings from my independent analysis of complex data sets.

SKILLS

Computers: Python, SQL, Tableau, Advanced Excel, C, Palantir, Microsoft suite, Google suite.

Languages: Intermediate spoken Mandarin Chinese.