

# Dominic Ricottone

Over five years experience in survey research including data collection, cleaning, and weighting. I am proficient in statistical programming especially with SPSS, Stata, and Python.

## Employment

### Fors Marsh

*A market research company primarily working federal contracts. I work on several high-profile surveys that drive national policy-making, such as the Department of Defense's continuously-running Futures Survey. I hold a Common Access Card (CAC) in service of my Department of Defense funded contracts.*

#### **Data Management Analyst** February 2019 — present

- Cleaning large (1M+) sample files with international addresses using SPSS, Stata, and Python
- Weighting survey data to mitigate design effects and non-response bias using Stata
- Writing technical chapters for analytical reports and incident report postmortems
- Validating multi-modal surveys operated through Decipher, VoxCo, and TeleForm using SPSS, Stata, Python, and R
- Reviewing and quality assurance testing of junior analysts' work

### The Harris Poll

*Market research company specializing in brand evaluation and concept testing. We operated at a breakneck pace, often launching a panel survey within days of winning a contract and delivering weighted data a week later. I developed automation programs, VBA macros, and shell scripts for my team to accelerate turnaround times. I led a migration to GitLab for version control and software maintenance.*

#### **Junior Survey Programmer** November 2018 — February 2019

- Programming web surveys with the Decipher platform

#### **Data Processing Programmer** September 2017 — November 2018

- Weighting longitudinal survey data with stratified sampling for rolling-window B2C analysis using Quantum and SPSS
- Validating web surveys operated through Decipher and Confrimit with SPSS and Quantum
- Automating data cleaning and quality assurance processes through Bash, Python, and Perl

### Chris Harris & Associates

*Political consultancy firm working with Democratic officials across Western New York.*

#### **Campaign Finance Intern** August 2017 — September 2017

- Scraping contributions disclosures from web pages and PDF documents using Python
- Canvassing and organizing fundraisers for elected officials including Monroe and Erie County Democratic Committee Chairs, Monroe County Sheriff Todd Baxter, and the late Congresswoman Louise Slaughter

### University of Rochester

*Internationally-acclaimed research university and the largest single employer in the Rochester area. Decades of employment records are stored on- and off-site with strict protocols concerning access and retention. I worked with the Record Verification and Workers' Compensation teams as the centralized manager of employee data.*

## **Human Resources Office Assistant** *May 2016 — May 2017*

- Managing flow of protected files between physical offices when they are pulled for inquiries and audits
- Administering multiple modernization and digitization projects

## **Cancer Care of Western New York**

*Cancer treatment facility based in Buffalo. I scrubbed PII and PHI from patient records for use in secondary exempt research. I worked with Dr. Roehmholdt to draft a case report of penile melanoma.*

## **Research Assistant** *May 2013 — August 2013*

- Researching the medical academic literature on penile melanoma
- De-identifying data files in compliance with IRB and Common Rule exemptions

## **Education**

### **University of Rochester**

#### **B.A. Political Science, Economics** *August 2013 — May 2017*

- Overall GPA of 3.43
- Represented the student body for three years in varying levels of student government, including multiple executive appointments
- Focuses in:
  - Mathematical modeling (Econometrics, Game Theory)
  - Interaction of government and the private sector (Public Finance, Political Economy, Health Economics, Economics of Globalization)

### **南山大学 (Nanzan University)**

#### **Intensive Japanese Language Studies Program** *January 2016 — May 2016*

- Intensive study of the Japanese language in a Japanese university

## **Active Certifications**

### **SAS Institute**

#### **SAS Programming 1: Essentials** *November 2019*

- Training to write SAS programs to access, explore, prepare, and analyze data
- View certificate on Credly

### **CITI Program**

#### **Biomedical Research Support Staff** *February 2019 — present*

- Training in the requirements and ethical implications of human subject research, especially in the context of the 2018 revision of the Common Rule
- Current certificate ID is 45797471

## Department of Defense Cyber Exchange

### **Cyber Awareness Challenge** *April 2019 — present*

- Training to mitigate threats and vulnerabilities to department information systems
- Current certificate verification code is HKY37X6SPE

### **Identifying and Safeguarding Personally Identifiable Information** *April 2019 — present*

- Training in data governance of personally identifiable information
- Current certificate verification code is HKY75X3TQT