HENRY F. CHAPMAN

Email: henry.chapman@icloud.com Website: www.henryfchapman.com

Education

University of Pennsylvania - MA, Computing and Information Technology (CS) 2020 - 2024

- Studying Computer Science fundamentals like Graphs, Probability, Algorithms, and Systems Programming
- Studying part-time while working

Yale University – BA, Global Affairs 2012 - 2016

Experience

DATA ANALYST, JACKSON COUNTY PROSECUTOR'S OFFICE 2019-PRESENT

- Co-wrote grant and won a $350,000 Department of Justice award to create a new Crime Strategies Unit.
- Writing software to visualize social networks and criminal justice data
- Designing and implementing a multi-agency gun violence reduction strategy in Raytown, Missouri
- Built violence dashboard to visualize homicides and non-fatal shootings
- Wrote scripts that downloaded, transcribed, and screened thousands of hours of phone calls.

NEW YORK COUNTY DISTRICT ATTORNEY'S OFFICE 2016 - 2019

EXPERT WITNESS AND CONSULTANT

- Led technical analysis in New York's first state-level domestic terrorism homicide case
- Analyzed primary source data sets to support the District Attorney on the trial team
- Produced exhibits about defendant's financial habits and internet history for use in court

TECHNOLOGY ANALYST

- Worked on twelve domestic violence and cold-case homicide investigations
- Led technical evidence collection for a year-long stalking investigation
- Wrote scripts to investigate social media platforms for suspects' digital presence
- Educated attorneys on web technologies to aid in investigations
- Responded to a live murder investigation
- Testified in New York County Supreme Court in multiple felony trials

STUDENT TECHNOLOGY COORDINATOR, YALE UNIVERSITY 2012 - 2016

- Led an eight person team that provided technical services to 800 students, faculty, and staff
- Educated end users on cybersecurity issues like phishing and password security
- Conducted hardware and software repairs of laptops, desktops, and mobile phones

RANGER, PHILMONT SCOUT RANCH 2015

- Led 12 individual backpacking treks for sixty teenagers through rugged mountains
- Taught classes on first aid, land navigation, sustainable land use, and ecology
- Member of New Mexico's second largest search and rescue team

INTERN, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY 2014

- Received Top Secret Security Clearance with Counterintelligence Polygraph
- Worked with technology acquisition in a classified setting for multiple DOD customers
- Shadowed in the NGA Operations Center and National Reconnaissance Office Data Center

Accomplishments

Eagle Scout	**2008**
Ranked 2nd in Nation in Extemporaneous Speaking	**2011**
National Eagle Scout Association Scholarship	**2012**
1200 Mile Hike on Pacific Crest Trail	**2019**