



# GEORGE J.J.T.A. HAYWARD, Optimist, Esq.

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**Attorney & Full Stack Data Scientist.** Loves to solve problems with code. Mother was born in Kingston, Jamaica; Father was born in Kingston, Pennsylvania. They taught optimism: *The Lord Always Delivers!*

## EXPERIENCE

### Hayward Law

New York, NY

Attorney

2022 - present

- Led 421-a(16)/Housing Stability and Tenant Protection Act rent stabilization case; drafted Motions/Cross-Motions, Affirmations, Memoranda of Law, Appellate Briefs; argued before First Department, rev. Reg. Agrmt.
- Represented buyer *pro bono* in \$200k transaction to keep Brooklyn bar open—saving 13 jobs. More on it [here](#).

### Hayward Data Science

New York, NY

Full Stack Data Scientist & Founder

2019 - present

- Built advanced churn/conversion prediction system for acquired ML startup (see client [Letter of Reference](#)).
- [Launched Sound Recipe iOS App](#) to [back up](#) Spotify playlists; [masterminded](#) all code, design, law, & marketing.
- Created Python script for Shopify store to personalize product recommendations based on customer interests.
- Wrote [Python ETL script](#) to detect misleading news, scraped Drudge Report daily for 4+ yrs. (97% uptime).
- Selected as a Mentor on both [Peak Mentors](#) and [SharpestMinds](#); commended for “transformational advice.”

### Facebook, Messenger

New York, NY

Senior Data Scientist, Product Analytics

2019 - 2022

- Promoted to Senior Data Scientist in 1 year, demonstrating exceptional performance.
- Published “Automate a Python Script at Facebook.” Praised as: “a foundation for \*\*all Python engineers at Meta.\*\*” Added to “Python @ FB” training docs. Inspired Meta-wide solution, “*Bento Scheduled Notebooks*.”
- Upheld highest user data, legal, and ethical standards at all times. Read more [here](#) and [here](#).
- Developed first-of-its-kind user perception survey. Led power analysis and ran statistical analysis of results.
- Created novel in-production ML anomaly detection system, “*Battery Beloved*,” saving 100’s of eng. hours.
- Created disk pressure threshold metric, *Weeks Till Full (“WTF”),* for all of Instagram/Messenger/Facebook.
- Directed 20+ person team in 2020 Facebook Hack-a-thon on racial equality making [PoliceReformTracker.com](#).

### Google, Area120, Tailor (Fashion Tech Startup)

San Francisco, CA

Data Scientist (contract)

2018 - 2019

- Built team’s first predictive model for customer lifetime value. Analyzed 200k+ users via log. regressions & lin. optimizations in R & Google’s Learn. Powerhouse; automated GoogleSQL scripts to report & dashboard it.

### O’Melveny & Myers

Los Angeles, CA

Summer Associate

2016

- Drafted expungement materials for Air Force veteran; partnered with Public Counsel and won. Client: “*I especially appreciate your positive attitude ...and the sincere and open kindness you’ve exhibited to me...*”
- Reviewed mother’s citizenship application before she filed it. Client: “*Gracias ya !!! soy ciudadana !!!!!*”

### Stanford Community Law Clinic

East Palo Alto, CA

Certified Law Student

2016

- Won \$30,000 fully favorable Social Security decision for woman experiencing homelessness.

### Cory Booker for United States Senate

Newark, NJ

Fellow

2013

- Helped maintain/update campaign NGP VAN database of over \$12 million; contacted hundreds of donors.

### Morgan Stanley

New York, NY

Investment Banking Analyst, Public Finance

2011 - 2013

- Modeled complex debt solutions and drafted RFP responses for cities and states, including New Jersey, Illinois, Missouri, Georgia, New Hampshire, Tennessee, and Maryland; completed over \$3.5 billion in deals in 2 years.

## SKILLS & COMMUNICATION

- **Talks:** [Sermon](#), [Motivation](#), [Hold The Line](#), [Talk to Em](#), [Good News](#), [Not By Adversity](#), [Towards Data Science](#).
- **Skills:** Swift, SQL ([Ranked #1](#)), Python, R, ML, XGBoost, ETL, AWS Lambda, Google Cloud, Westlaw, Excel.

## INTERESTS

Chess, Gershwin, Notorious B.I.G., [J. Dilla](#), Astrophysics, Fried chicken, Oratory, Stand-up, SQL, Running, Jazz, Giraffes.

## EDUCATION

**Stanford University**, JD/MBA in Comedy, *Stanford Law Review*, *Admitted to CA State Bar and NY State Bar* 2018

**Harvard College**, B.A. in Government, *Black Students Association Political Action Chair* 2011

**Phillips Exeter Academy**, High Honors, *Full Academic Scholarship*; *President of Afro-Latino Exonian Society* 2007