

# Ro Encarnación

## Curriculum Vitae/Resume

✉ rone@seas.upenn.edu  
🌐 roencarnacion.com

### Education

- Expected 2028 **University of Pennsylvania, Ph.D., Computer Science – Human Computer Interaction.**  
**Fellowships:** NSF GRFP Fellow, Solomon M. Swaab Fellow, GEM Fellow, Fontaine Fellow
- Sep 2016 – **Lehman College – City University of New York (CUNY), B.A., Computer Science.**  
Jan 2021 **Awards:** Robert T. Craig Memorial Award

### Research Experience

- June 2023 – **Sr. Research Scientist Intern, IBM RESEARCH – RESPONSIBLE & INCLUSIVE TECH,**  
August 2023 **Supervised by:** Sara Berger.
- August 2021 – **Research Assistant, STANFORD UNIVERSITY, Supervised by:** Sharad Goel, Will Cai.  
January 2022
- Summer 2017 **DS3 Summer Research Intern, MICROSOFT RESEARCH, Supervised by:** Jake Hofman,  
2017 Dan Goldstein, Siddhartha Sen.
- Spring 2017 **Research Assistant, LEHMAN COLLEGE, Supervised by:** Violet Fredericks.

### Conference Presentations & Publications

- 2023 Sampson, P., **Encarnacion, R.**, & Metaxa, D. (2023, June). Representation, Self-Determination, and Refusal: Queer People’s Experiences with Targeted Advertising. In *Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency* (pp. 1711-1722).
- 2022 Cai, W., **Encarnacion, R.**, Chern, B., Corbett-Davies, S., Bogen, M., Bergman, S., & Goel, S. (2022, June). Adaptive sampling strategies to construct equitable training datasets. In *Proceedings of the 2022 ACM Conference on Fairness, Accountability, and Transparency* (pp. 1467-1478).
- 2018 \*Chawla, A., \*Futran, D., **\*\*Liriano, R.**, \*Mallari, K., \*Mertil, F., \*Radinsky, I., \*Schuster, R., \*Thao, T. (2018). "Student Trajectories and School Choice in the New York City Public School System". Poster session presented at: *ACM Student Research Competition at the Grace Hopper Celebration*, Orlando, Florida.
- 2017 \*Chawla, A., \*Futran, D., **\*\*Liriano, R.**, \*Mallari, K., \*Mertil, F., \*Radinsky, I., \*Schuster, R., \*Thao, T. (2017.) "Student Trajectories and School Choice in the New York City Public School System". Poster session presented at: *Conference on Digital Experimentation at MIT (MIT CODE)*, Cambridge, Massachusetts.

\*Equal contribution, \*\*Former last name

### Professional Experience

- Jan 2022 – **Congressional Innovation Fellow, TECHCONGRESS,** Washington, D.C.  
Oct 2022 U.S. HOUSE OF REPRESENTATIVES – OFFICE OF CONGRESSWOMAN YVETTE D. CLARKE
- Aug 2021 – **NYC[x] Innovation Fellow – Software Engineer, U.S. DIGITAL RESPONSE,** Remote.  
Oct 2021 NYC DEPARTMENT OF FINANCE

Jan 2021 – **Fullstack Software Engineer**, *STANFORD COMPUTATIONAL POLICY LAB*, Remote.  
Jan 2022

Aug 2019 – **Senior Associate Software Engineer**, *CAPITAL ONE*, New York, NY.  
Jan 2021

Oct 2017 – **Civic Technology Fellow**, *MICROSOFT*, New York, NY.  
Apr 2019

## █ Fellowships & Conference Scholarships

2024 National Science Foundation (NSF) Graduate Research Fellowship Program – *Fellow*  
2018 – 2019 Rewriting The Code (RTC) – *Fellow*  
2018 Grace Hopper Conference Women of Color in Technology – *Conference scholarship*  
2018 CMD-IT/ACM Richard Tapia Conference – *Conference scholarship*  
2017 Capital One Grace Hopper Conference – *Conference scholarship*

## █ Leadership Experience

2019 – 2020 **Blacks in Tech at Capital One**, *Community Engagement Lead*.  
2019 – 2020 **Hispanics in Tech at Capital One**, *Community Lead*.  
2019 – 2020 **Women in Technology at Capital One**, *Development Lead*.  
2018 – 2019 **Women in Computer Science at Lehman College**, *Founder and Chair*.  
2017 – 2018 **National Society of Black Engineers at Lehman College**, *President*.  
2017 – 2018 **Society of Hispanic Professional Engineers at Lehman College**, *Programs Chair*.  
2016 – 2018 **Lehman College Student Legislative Assembly**, *Senior College Senator*.

## █ Volunteer & Mentorship Experience

2020, 2021 **The Grace Hopper Conference**, *Volunteer Application Reviewer*.  
2020 **YearUp**, *Technical Mentor*.  
2019 – 2020 **Capital One**, *Technical Coach*.

## █ Skills

Programming Java, Python, R, MySQL, PostgreSQL, Shell  
Web HTML, CSS, JavaScript, TypeScript, Flask, Selenium, React, Jekyll  
Development  
Software AWS, Azure, Git, RStudio, Jupyter, Docker  
Spoken English, Spanish  
Languages