

# Byron Poplawski

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## EDUCATION

### Skidmore College

Saratoga Springs, NY

Major: Economics (B.A.), Minor: Computer Science

May 2018

- Honors: Magna Cum Laude; Phi Beta Kappa

## EXPERIENCE

### Federal Reserve Bank of New York

New York, NY

Analyst, Large Institutions Capital Program, PPNR

July 2018 – Present

- Develop analytics to identify trends and outliers in large firm's (e.g., Bank of America) stress test projections. Analyses primarily conducted in R, SQL, and Excel
- Analyze bank's interest rate risk exposure to products, industries, and macro trends – Namely retail mortgage banking, commercial & industrial loans, and the LIBOR/SOFR transition
- Present analytic research to expert and non-expert audiences

### Duff & Phelps

Boston, MA

Transfer Pricing Intern

June 2017 – August 2017

- Conducted company comparability analyses for use in reports sent to Fortune 500 clients – Each analysis required examination of the functions performed, risks assumed, and financial health of more than 100 public companies
- Performed statistical analysis of inter-company transactions for large gold trading corporation

### Patrivalor SGIIC

Madrid, Spain

Junior Analyst

January 2017 – May 2017

- Designed Java applications and VBA macros to reduce the need for manual input of data into Excel files
- Conducted company and industry research - specifically relating to biotechnology

## DATA SCIENCE PROJECTS

### Craigslist Apartments R Shiny App

New York, NY

February 2019 – April 2019

- Developed front-end R shiny app to allow users to quickly visualize Craigslist NYC rental market data
- App features: closest subways, commute time to work, and price comparisons for similar nearby apartments. (App here: [Craigslist Apartments App](#))

### Trader Joe's Location Prediction Model

New York, NY

May 2019 – Present

- Ongoing project to predict where the next Trader Joe's location will open
- Wrote Python web scraper to get all Trader Joe's and Whole Foods locations, collected census tract data for NYC and mapped it against current Trader Joe's stores
- Regression analysis to follow. See progress here: [Trader Joe's Model Project](#)

## DIGITAL SKILLS & LANGUAGES

**Digital Skills:** macOS, Windows

Proficient in R (shiny, tidyverse), Python (selenium, numpy, pandas), Java, and Excel

Previous experience with Tableau, SQL, C++

**Languages:** English, Spanish (proficient)

\*Authorized to work in both the U.S and European Union