

# Ian Bogley

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My passion is in understanding complex economic systems using statistics. I focus my expertise on the theoretical and practical tools necessary to make a positive impact in my community. With experience in programming languages like R, Python, and SQL, I have the resources to positively impact modern analytics teams.

## Education

### **MASTER'S DEGREE IN APPLIED ECONOMICS | DECEMBER 2021 | UNIVERSITY OF OREGON**

- Research design, machine learning (supervised and unsupervised), development and growth of nations, consumer theory, comparative statics (Classical, Keynesian, Neoclassical Synthesis, Rational Expectations), resource economics, game theory

### **BACHELOR'S DEGREE | JUNE 2020 | UNIVERSITY OF OREGON**

- **Major:** Economics, **Minors:** Mathematics, Business Administration
- **3.62 GPA Overall, 3.67 GPA in Major**
- **Dean's List:** Earned a GPA above 3.75 for a term while taking 15 or more credits, 3 out of the last 4 semesters.
- Game theory, linear algebra, big data analytics, forecasting, international finance, industrial organization

## Experience

- **R:** Package design, forecasting (ARIMA, VAR), data cleaning, big data analysis (Google BigQuery)
- **Python:** Data cleaning, web-scraping
- **Politics:** US Presidential Poll Errors, 2016 and 2020
- For work samples and more information, visit my website: <https://ibogley.github.io/website/>

## Previous Roles

### **TREASURER | UO BRAZILLIAN JIU JITSU CLUB | SEPTEMBER 2019 – PRESENT**

- Managed Club funds: worked with club sports office to ensure withdrawals/deposits were done according to University policy.

### **VOLUNTEER | AFFEC | AUGUST 2020 – FEBRUARY 2021**

- Worked with the event coordinator to document webinars and update informational email workflows and templates.

### **EMPLOYEE SURVEY PROJECT | SHELTERCARE | MARCH 2020 – APRIL 2020**

- Submitted a one-off report to HR detailing how to use employee satisfaction survey data to improve a workplace environment.
- Final product: [https://ibogley.github.io/website/projects/survey/survey\\_2020.pdf](https://ibogley.github.io/website/projects/survey/survey_2020.pdf)

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