

John RAY

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WORK EXPERIENCE

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| JUNE 2020-CURRENT | <p>Director of Polling at YOUGov
<i>Managing a data science team</i></p> <p>Directs team of four junior and two senior analysts coding, fielding, delivering, and analyzing panel survey data. Managed client relations on behalf of team, including business development, as well as daily analysis tasks.</p> |
| JUNE 2018-JUNE 2020 | <p>Senior Analyst at YOUGov
<i>Production, fielding, analysis, and delivery of public opinion research</i></p> <p>Directed team of two junior analysts coding, fielding, delivering, and analyzing panel survey data. Managed client relations on behalf of team, as well as daily analysis tasks.</p> |
| SEP 2012-JUNE 2018 | <p>Teaching Fellow at UNIVERSITY OF CALIFORNIA-LOS ANGELES
<i>Teaching data science, statistics, American politics</i></p> <p>Dissertation focuses on analysis of public opinion and representation in the US Congress. Teaching focuses on using R for statistics and data science, and on American political institutions.</p> |
| SEP 2012-JUNE 2018 | <p>Political data consultant
<i>Statistics, data, analytics projects for various clients</i></p> <p>Clients include Citizens Commission for Civil Rights, Latino Decisions, United Steelworkers, the City of Fullerton, the United States Holocaust Memorial Museum. Projects include statistical analysis for redistricting litigation, analysis of field experiments, internal software development, and general statistical analysis.</p> |
| AUG 2011-SEP 2012 | <p>Redistricting director and media analyst at Democratic National Committee
<i>Spatial analytics and reporting, media purchase analytics and reporting</i></p> <p>Directed team conducting analysis of redistricting plans, and developing statistical analysis for litigation over redistricting plans. Worked on team optimizing advertising purchases for Obama for America 2012.</p> |
| NOV 2010-AUG 2011 | <p>Data director at VOTER PARTICIPATION CENTER
<i>Analysis and reporting on Census data and list data</i></p> <p>Conducted statistical analysis of organization list for fundraising and list growth purposes. Conducted analysis of Census data for voter registration and turnout analysis.</p> |
| APR 2011-AUG 2011 | <p>Survey programmer at MYERS RESEARCH & STRATEGIC SERVICES
<i>Survey software developer</i></p> <p>Developed internal software for survey analysis and data management. Constructed daily topline reports and bannerbooks for clients.</p> |

EDUCATION

- JUNE 2018 PhD candidacy in POLITICAL SCIENCE, **University of California-Los Angeles**
Majors: American Politics and Formal Methods
Thesis: "Congressional representation and policy provision in an era of high polarization"
- JULY 2010 Bachelors of Science in DECISION SCIENCE, **Carnegie Mellon University**
Minor in public policy
Thesis: "The nature and logic of lobbying: Policy subsidies and voting positions in Congress"

SOFTWARE AND LANGUAGES

- Proficient: ARCGIS/POSTGIS, D3/TABLEAU/SHINY, EXCEL/OFFICE SUITE, JAGS/BUGS/RSTAN,
PYTHON, R, SQL/MYSQL/POSTGRES, STATA
- Intermediate: C++, HTML, OSCAR, VBA

SCHOLARSHIPS AND CERTIFICATES

- SEP 2017 University Fellow Dissertation grant, UNIVERSITY OF CALIFORNIA-LOS ANGELES
- AUG 2017 Dissertation fellowship, UNIVERSITY OF CALIFORNIA-LOS ANGELES
- JUNE 2016 Masters of Statistics coursework completion, UNIVERSITY OF CALIFORNIA-LOS ANGELES
- JUN 2015 Graduate summer research mentorship, UNIVERSITY OF CALIFORNIA-LOS ANGELES
- APR 2014 Human subjects research board certificate, UNIVERSITY OF CALIFORNIA-LOS ANGELES
- APR 2011 Institutional review board research certificate, CARNEGIE MELLON UNIVERSITY