

John Randolph

SOFTWARE ENGINEER · DATA SCIENTIST

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Experience

Meta (Full-time)

New York, NY

FRONTEND SOFTWARE ENGINEER, FACEBOOK INTEGRITY – PHP, IOS, ANDROID, REACT

August 2022 - Now

- Development of Facebook Family center to connect guardians and parents
- Crisis response "break the glass" measures - Israel/Palestine conflict, Canadian C18 legislation, etc

Avalanche Insights (Intern)

Providence, RI

CLIENT ENGAGEMENT TEAM

Fall 2021

- Analyzed language in open-ended survey responses to understand views of US voters
- Presented findings to clients

Meta (Intern)

New York, NY / Seattle, WA

ARTIFICIAL INTELLIGENCE APPLIED RESEARCH – PYTHON

Summer 2021

NATURAL LANGUAGE UNDERSTANDING TEAM – PYTHON, SQL

Summer 2020

MONTHLY BILLING TEAM – PHP, JAVASCRIPT

Summer 2019

- Helped develop machine learning model for abstractive document summarization
- Implemented pipeline for programmatic data labeling
- Ran experiments and performed data analysis on performance of NLU pipeline

BlueBonnet Data (Fellow)

Memphis, TN

DATA FELLOW - PYTHON, VAN

Election 2020

- Built pipeline with interactive to track real-time voting data for Marquita Bradshaw campaign (TN Senate)
- Made voter maps using VAN data and reviewed primary data trends for Alaina Shearer campaign (House of Reps. from OH-12)
- Canvassed for local Rhode Island candidates Lenny Cioe and Cynthia Mendes through RI Political Co-op

The Policy Lab @ Brown (Intern)

Providence, RI

DATA SCIENTIST INTERN – R

Spring 2019

- Identified patterns in noncompliance of traffic violation payments in New Orleans
- Redesigned Rhode Island DMV and DOR forms

Education

Brown University

Providence, RI

B.S., APPLIED MATH-COMPUTER SCIENCE AND BEHAVIORAL DECISION SCIENCES

September 2017 - May 2022

- GPA: 4.0 / 4.0
- Phi Beta Kappa, Sigma Xi, Magna Cum Laude, Honors

Lakeside School

Seattle, WA

HIGH SCHOOL DIPLOMA

September 2013 - May 2017

- GPA: 4.0 / 4.0
- ACT: 35

Skills

Languages Python, React, Java, Objective-C++, C, R, JavaScript, HTML, CSS, PHP, SQL, Scala, Racket, OCaml

Software VAN, MATLAB, Mathematica, LaTeX

Coursework

Major

Relevant Classes

Applied Math

Statistical Inference
Recent Applications of Prob & Stats
Computational Prob & Stats
Numerical Optimization

Computer Science

Machine Learning
Algorithmic Game Theory
Artificial Intelligence
Discrete Structures & Prob

Behavioral Decision Sciences

Psychology of Making Decisions
Game Theory
Behavioral Economics
Mathematical Microeconomics