John **Randolph**

SOFTWARE ENGINEER · DATA SCIENTIST

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Experience

Meta (Full-time)
New York, NY

SOFTWARE ENGINEER, FEED USER CONTROLS – PHP, IOS, ANDROID
August 2022 - Now

- Mobile development of pages including "Why Am I Seeing This" page
- Backend infrastructure of "Show More/Show Less" bumper buttons

Avalanche Insights (Intern)
Providence, RI

CLIENT ENGAGEMENT TEAM
Fall 2021

- Analyzed language in open-ended survey responses to understand views of US voters
- Made presentations and 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 Lenny Cioe and Cynthia Mendes through RI Poitical 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 DMV forms and presented at Rhode Island DMV and DOR

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: 3.97 / 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	Applied Math	——	Computer Science	Behavioral Decision Sciences
Relevant Classes	Statistical Inference		Machine Learning	Psychology of Making Decisions
	Recent Applications of Prob & Stats		Algorithmic Game Theory	Game Theory
	Computational Prob & Stats		Artificial Intelligence	Behavioral Economics
	Numerical Optimization		Discrete Structures & Prob	Mathematical Microeconomics