**Dheeraj Chand**

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## PROFESSIONAL SUMMARY

Data scientist and software engineer with 15+ years building systems that matter. I've discovered 2.7M misclassified voters, saved organizations $4.7M through better algorithms, and built platforms used by thousands of analysts nationwide.

## CORE COMPETENCIES

CODE • COMPUTE • INTERACT • MEASURE • PLATFORMS • TRACK

## PROFESSIONAL EXPERIENCE

### Partner - Siege Analytics (Austin, TX) | 2020 - Present

Data Science & Political Analytics

• Discovered 2.7M misclassified Democratic voters through data analysis

• Built algorithm that reduced mapping costs by 73.5%, saving organizations $4.7M

### Senior Data Scientist - Lake Research Partners (Washington, DC) | 2018 - 2020

Political Research & Analytics

• Trained team on Python tooling for automated report generation

• Built statistical models for high-profile political campaigns

### Technical Director - The Praxis Project (Oakland, CA) | 2015 - 2018

Technology & Data Infrastructure

• Built 25 Drupal sites integrating with membership databases and activism CRMs

• Created data infrastructure for community organizing campaigns

### Senior Software Engineer - Salsa Labs (Washington, DC) | 2012 - 2015

CRM & Data Platform Development

• Built CRM system handling billions of records for tens of thousands of users

• Integrated with Government and Activism APIs for seamless data flow

### Research Analyst - PCCC (FLEEM) (Washington, DC) | 2010 - 2012

Political Research & Data Analysis

• Handled tens of thousands of calls using predictive dialer for political surveys

• Built statistical models for voter behavior analysis

### Data Analyst - The Feldman Group (Washington, DC) | 2008 - 2010

Political Data Analysis

• Trained team on PHP/MySQL for data analysis and reporting

• Built demographic analysis tools for voter targeting

## KEY PROJECTS

### Ballista Redistricting Platform (2020 - Present)

Cloud-based GeoDjango platform for redistricting analysis, used by thousands of analysts nationwide

Technologies: GeoDjango, PostGIS, AWS, Docker, React, Python

Impact: Reduced mapping costs by 73.5%, saving organizations $4.7M

### Polling Consortium Dataset Meta-Analysis (2013 - 2016)

Comprehensive meta-analysis of polling data from tens of polling and mail firms with different methodologies and encoding systems, creating unified analytical framework

Technologies: Python, R, Statistical Analysis, Meta-Analysis, Data Standardization

Impact: Created $400M dataset that became foundation for modern electoral analytics, estimated current value exceeds $1B

## KEY ACHIEVEMENTS AND IMPACT

### Impact

• Discovered 2.7M misclassified Democratic voters through data analysis

• Saved organizations $4.7M with algorithm that reduced mapping costs by 73.5%

• Built redistricting platform used by thousands of analysts nationwide

### Scale

• Handled billions of records with millions of columns for tens of thousands of users

• Architected cloud-based GeoDjango platform with real-time collaborative editing

## TECHNICAL SKILLS

CODE Python; R; SQL

COMPUTE AWS; Docker; Linux

INTERACT Drupal; Django

MEASURE ArcGIS; QGIS; PostGIS

PLATFORMS Tableau; Jupyter

TRACK Git

For a more detailed, full description of my experience, please visit my LinkedIn and Personal Site.