

## JOB & LEADERSHIP EXPERIENCE

### **Indivisible, 2020- Present**

#### ***Digital Organizer***

- Manage the Indivisible's IndivisiText Textbanking Platform for Elections all over the United States
- Organizer volunteers all over the country on how to engage with voters via textbanking.
- Train volunteers on the technical elements of our tools including Slack and TextOut, help them daily as challenging questions and issues come with, with every campaign we work on.
- Administer our Slack & Textout workspaces
- Manage data and projects, continue to innovate to keep the system progressing to better meet the needs of our moderators, volunteers, and voters.

### **City of South Burlington, Vermont, 2017 - Present**

***Geographic Information Systems Director***: GIS, Enterprise Database Management, Project Management & Development.

- Established the city's first enterprise geodatabase using ESRI spatial technologies & SQL
- Centralize data scattered across the city.
- Build City's first GIS web services.
- Connect & support all city GIS users to centralized GIS Services.
- Develop custom web applications for non-GIS users to leverage with ESRI suite, python, and other GIS tools
- Leverage data to identify patterns and needs for the City

### **OpenProgress**

#### ***Digital Organizer***, 2017-2019

Assist volunteers all over the country with how to engage with voters via textbanking.

### **SwingLeft/Flip The Vote**

#### ***Leader***, 2016-Present

Leader with a local group called Flip the Vote that is also a chapter of SwingLeft thus I'm also a SwingLeft Leader. We organize local volunteers to assist with out-of-state races and voter registration.

### **Burlington Democratic Party**

***Vice-Chair***, September 2019- September 2020

**City Market / Onion River Co-op,**  
**Board Member, 2013 – Present**

- City Market board directors are responsible for supervising operations of City Market's \$41M business including the expansion into multiple stores and all legal and financial paperwork involved.

**Vermont Agency of Digital Services** assigned to  
**Vermont Agency of Agriculture, Food & Markets, 2013 - 2017**  
**Geospatial Technologies Manager:** GIS, SDE, ArcGIS Online, Project Management & Development

- Established the Agency's first enterprise database in SDE
- Centralize data scattered across the state from units including the Dairy, Animal Health, Water Quality, Farm to School, Agriculture Development, and Plant Industry.
- Build Agency's first GIS Web Services with agency's first ArcServer license.
- Connect & support all agency GIS users to centralized GIS Services.
- Develop custom web applications for non-GIS users to leverage.
- Provide GIS Support for State Emergency Operations.
- Geocode the State's dairy farms for emergency management purposes.

**Saint Michael's College, Environmental Science Program, 2016 - 2018**  
**Adjunct Faculty:** Introduction to Geographic Information Systems

- Hired as the first and only GIS faculty in SMC
- Teach in the interdisciplinary Environmental Science program.
- Train students from across the college learn how to use GIS, usually for the first time.
- Enable students to accomplish their own research goals with GIS tools.

**Joanna Geographica, LLC 2014 - 2018**  
**GIS Director:** GIS & Related Services

- Client Include: Cabot Creamery, NOFA-VT, and MyWebGrocer.
- Client requests include custom cartography, web applications for non-GIS users, mobile applications, GIS training.
- Consulting on ad geo-targeting - assisting clients on identifying geographic targets for advertising based on demographics.

**Burlington Ward 5 Neighborhood Planning Assembly, Board Member, 2017 – 2019**  
Coordinating Ward Public Meetings on Burlington issues, monthly

**University of Vermont, Geography Department, 2015 - 2016**  
**Part-time Faculty**

- Courses taught: GeoTechniques, on the GeoTech track, which included basic geographic critical skills, GIS and remote-sensing.
- Support Geography Department's GIS technology program.

**MyWebGrocer, 2010 – 2013**

***Sr. Operations Specialist***

- Managed DTS & SSIS data jobs from hundreds of client stores and their dynamic connections to our web services.
- System Analyst in Engineering where we practiced Agile software development, skills to manage technical projects.
- Transitioned to the then-new Brand Operations unit where I did ad data analytics and started MWG's ad geo-targeting program.

**Vermont Monitoring Cooperative (State of VT & UVM), 2006 – 2010**

***Web & Data Manager***

- Built enterprise database for hundreds of research datasets for the State of Vermont and UVM.
- Wrangled data from countless principal investigators for data.
- Managed live data service feeds.
- Managed web site with live data services.
- Solely responsible GIS operations for entire organization.

**City of New York, 2001 – 2006**

Mayor's Office of Emergency Management & Dept. of Information Technology

***GIS Specialist***

- Hired shortly after World Trade Center attacks in 2001 to assist with recovery operations.
- Heavy load of custom cartography
- Wrangling the City's GIS data into an enterprise environment optimized for sharing with other agencies for emergency response.
- City of New York emergency responder in the City's Emergency Operation Center as well as in OEM's Mobile Data Center

**N-Space Labs, 2002**

***GIS Specialist***

Cartography, data research, assessment, organization, communication, *Avenue* development for clients.

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**American Museum of Natural History & NASA, 2000 – 2002**

***GIS Specialist***

Geospatial techniques with Goddard Space Flight Center and Cal Tech JPL using GIS to build frames for science education films for other museums and NASA visitor centers.

**Coalition for Improving Maternity Services, 1998 – 1999**

***Consultant:*** Strategy, Coalition Building, Conference Planning, Information Management

**New York State Democratic Committee, Press Office, 1998**

***Deputy Press Secretary:*** Press Advisory, Press Conference Coordinating, Writing

**New York State Assembly, 1998**

***Legislative Assistant:*** Bill Drafting, Research, TV Show Producer, Constituent Services

## EDUCATION

**Hunter College**, Geography Department

M.A. Geography & Geographic Information Science: Fall 2004

**Syracuse University, Maxwell School** of Citizenship & Public Affairs

B.A. Public Policy Analysis: December 1997

**Hebrew University**, Jerusalem, Israel 1994-1995