Jonathan Maddison

SUMMARY

I am a self-taught software engineer and community developer with expertise in front end development, team leadership and program management. I am passionate about work that has a positive impact on community health and sustainability. At AlzCare I am building a mobile app that will help family and caregivers care for their loved ones with Alzheimers or dementia. I'm relocating to New York City this fall and am looking for a position as a software engineer.

SKILLS

Javascript:	React, Express, jQuery, Redux, React Native, npm, webpack,
HTML and CSS:	Bootstrap, Flexbox
Python and C:	Basics
Leadership:	Supervision, Project Management, Strategic Planning
Communication:	Public speaking, Community Outreach, Writing, facilitation

EMPLOYMENT

REACT NATIVE DEVELOPER, ALZCARE LABS   2017 — PRESENT

I co-lead a team of engineers building an iOS app for the FindMe wearable device. The app will provide caregivers and family members with a clear, reliable and informative updates about the well-being of the person with dementia they are caring for. Some development highlights:

- Agile development
- React Native
- Jest snapshot testing
- Redux for state management

STUDENT, SELF-DRIVEN SOFTWARE ENGINEERING BOOTCAMP   2016 — 2017

For these ten months I was obsessed with learning full stack software engineering. As part of this self-driven curriculum, I:

- spearheaded several personal and collaborative coding projects (see portfolio) (December - Present); - mastered the freeCodeCamp challenges (December - March)
- excelled at and had a blast with Harvard CS50, Udemy Web Developer Bootcamp, and the Hack Reactor Bootcamp Prep (September - December).

From this immersive curriculum I have mastered:

- Javascript
- React, React Native, Redux, jQuery, Express, Webpack, Bootstrap, Node, npm
- Test Driven Development
- Agile Development
- Responsive web development with HTML and CSS
- Python and C basics

WAY2GO PROGRAM MANAGER, CORNELL COOPERATIVE EXTENSION   2013 — 2016

After a year at Cornell Extension I was promoted to lead the Way2Go program: a visionary transportation education and outreach program housed by Cornell Cooperative Extension. I managed a team of community educators that led programs designed to address people's transportation needs in Tompkins County. Under my leadership, Way2Go expanded regionally and supported a sister program in Utica, NY, I grew the biannual Streets Alive event by building partnerships and event sponsors, and received over $200K in new grants to support innovative programming.

- Directed vision and strategy for the Way2Go program through synthesizing input from community outreach with residents, local officials, and other partners
- Recruited, hired, and supervised a team of community educators and interns who are implementing programs.

- Secured funding to achieve Way2Go's Strategic Goals including over $200K in funding for new programs.
- Oversaw reporting, budgeting, grant writing, and other core program management tasks.

WAY2GO TRAVEL TRAINING COORDINATOR, CORNELL COOPERATIVE EXTENSION   2012 — 2013

I was hired at Way2Go to develop and implement programs to address the needs of people with disabilities, older adults, and people with limited English proficiency. I built a network of stakeholders to identify travel training needs, built a train the trainer program, and lead how-to workshops for community members

AMERICORPS DISASTER PREPARDNESS EDUCATOR   2011 — 2012

After graduate school I served as an AmeriCorps educator with the American Red Cross. I was hired to coordinate a disaster preparedness education program in a three county region in upstate New York, right after major floods hit the region. I conducted disaster preparedness workshops, built relationships with program partners, recruited volunteers, and represented the American Red Cross at community events

GRADUATE RESEARCH ASSISTANT, UVM TRANSPORTATION RESEARCH CENTER   2009 —2011

I was selected for funding as a graduate research assistant at the Transportation Research Center while studying for my Master of Public Administration. My research advisor, Richard Watts, and I studied media reporting on transportation issues. We published several peer-reviewed papers on how the media reports on vehicle emissions (see my publications below). This research formed the basis of my Masters Thesis.

EDUCATION

FREECODECAMP   2016 — PRESENT

freeCodeCamp Full Stack Certification

UNIVERSITY OF VERMONT   2009 — 2011

Masters of Public Administration

UNIVERSITY OF VERMONT   2007 — 2009

B.S. Community and International Development (summa cum laude)

PUBLICATIONS

Richard Watts, Jonathan Maddison: *Print News Uses More Source Diversity than Does Broadcast*. Newspaper Research Journal 06/2014; 35(3):107-118.

Richard A. Watts, Karen Trapenberg Frick, Jonathan Maddison: *Policy Making, Incrementalism, and News Discourse Gasoline Tax Debates in Eight U.S. States*. Public Works Management & Policy 07/2012;

Richard Watts, Jonathan Maddison: *The role of media actors in reframing the media discourse in the decision to reject relicensing the Vermont Yankee nuclear power plant*. Journal of Environmental Studies and Sciences 06/2012; 2(2).,

Jonathan Maddison, Richard Watts: *Government Sources Dominate Vehicle Emissions Coverage*. Newspaper Research Journal 03/2012; 33(2):40-53.

Jonathan Maddison, Richard Watts: *The Technological Fix as a Frame in Media Debates about Tailpipe Emissions*. Technology in Society 08/2011; 33(3).,

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