KAYLA A. PATEL

paylakatel@gmail.com
paylakatel.github.io
987-505-3477

PROFESSIONAL

City of Boston, MA
Data and Performance Analyst | Aug 2016 – Present
- Scope and design projects that help departments improve operations through data analytics. Manage projects and perform technical analyses. Iterate on deliverables.
- Projects include:
  - Building a public-facing R Shiny dashboard allowing stakeholders/public to track the City's progress towards meeting goals laid out in the Imagine Boston 2030 plan.
  - Managing two summer fellows, scoped and defined their project deliverables, ensured they had all the information they needed to successfully meet department's needs.
  - Developing a new process for creating web maps for boston.gov, worked across teams to meet needs and integrate new workflow into existing business processes.

Town of Acton, MA
Webmaster/GIS Technician | Nov 2015 – Aug 2016
- Project managed an update to the Town's website. Update included:
  - New, responsive design
  - Search functionality integrating multiple Town websites
  - Reorganization of content emphasizing most frequently viewed pages/information
- Project managed an update to Town's online GIS viewer.
  - Ensured new user experience met needs, brought property report card updates to daily from yearly.
- Coordinated web content across Town affiliated websites, worked with departments to ensure up-to-date information.
- Implemented electronic permit tracking. Integrated departmental needs into new businesses processes.

NASA Develop National Program
Geospatial Researcher | June 2015 – Aug 2015
- Partnered with a local not-for-profit to further the protection of wetlands through data analytics. Listened to end-user goals, scoped and delivered on a ten week project timeline.
- Wrote the python script used to perform the analysis.
- Presented the results at NASA Headquarters in Washington, D.C.

Town of Acton, MA
GIS Assistant | Sep 2014 – May 2015
GIS Intern | June 2014 – Aug 2014

RELEVANT VOLUNTEER

FOSS4G 2017
Volunteer Committee Chair | Aug 2016 – Present
- Developed and implemented FOSS4G's volunteer program.
- Organized >50 volunteers, coordinated between 10 other organizing committees.

PUBLICATIONS

Evaluating conflict surrounding mineral extraction in Ghana: Assessing the spatial interactions of large and small-scale mining | Kayla Patel; John Rogan, PhD; Nicholas Cuba; Anthony Bebbington, PhD.
The Extractive Industries and Society, Volume 3, Issue 2, April 2016, Pages 450-463.

EDUCATION

M.S. in GIScience, August 2015 | Clark University, 4.0/4.0
Thesis Title: *Evaluating conflict surrounding mineral extraction in Ghana: Assessing the spatial interactions of large and small-scale mining.*

B.A. in Geography and Sociology, May 2014 | Clark University, 3.77/4.0
Thesis Title: *The participation of civil society in the formation of Boston's Rose Kennedy Greenway.*

SKILLS

Communication | teamwork and collaboration, project management, understanding and advocating for user needs, leadership

Programming | R, HTML/CSS, javascript, git, python

HONORS AND AWARDS

Addams-Mills Award | Clark University Sociology Department, May 2014
1-2 Recipients a year who have shown a dedicated commitment to community service and made strong academic contributions.

GTU International Geography Honor Society | Clark University, May 2014

Alpha Kappa Delta Sociology Honor Society | Clark University, May 2014