KAYLA A. PATEL

kayla.a.patel@gmail.com
paylakatel.github.io
987-505-3477

PROFESSIONAL EXPERIENCE

City of Boston, MA

Product Manager | Nov 2018 – Present
- Defining and implementing a road map for boston.gov as it relates to data-driven applications.
- Building and leading all aspects of product implementation from developing technological solutions to determining user experiences.
- Creating and executing a product vision between teams of stakeholders, developers, and designers.

Data and Performance Analyst | Aug 2016 – Nov 2018
- Worked with City Departments and stakeholders to help better serve the public through data analytics.

Town of Acton, MA

Webmaster/GIS Technician | Nov 2015 – Aug 2016
- Performed geospatial analysis and created static maps for Town departments and public Town Meetings as needed.
- Maintained the Town's geospatial data.
- Implemented electronic permit tracking for Town departments, and taught staff how to run reports and most efficiently utilize the new system.
- Project managed an update to the Town's website.
- Coordinated web content across Town affiliated websites, worked with staff to ensure up-to-date information.

NASA Develop National Program

Geospatial Researcher | June 2015 – Aug 2015
- Wrote the python script used to calculate a series of vegetation indices that derived shoreline changes, assessed wetland health, and created map outputs on a time series of 56 Landsat scenes.
- Presented the results to the partner organization, APNEP, and at NASA Headquarters in Washington, D.C.

Town of Acton, MA

GIS Assistant | Sep 2014 – May 2015
- Organized and managed the 2013 and 2014 updates to the Town's geospatial database.
- Assisted in the implementation of electronic permit tracking across six departments.

GIS Intern | June 2014 – Aug 2014

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.*

Pontificia Universidad Católica de Valparaíso, Spring 2013
Valparaíso, Chile. International Study Abroad.

SKILLS

Programming | data engineering: python, R, SQL/PostGIS, GDAL; web development: React, NextJS, StencilJS, Mapbox GL JS

Communication | High level research and writing skills, teamwork and collaboration, project management, strategy and vision defining and setting

HONORS AND AWARDS

Addams-Mills Award | Clark University Sociology Department, May 2014
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