Kelsey Gaetjens

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Degrees and Certificates

DigitalCrafts | *Certificate in Web Development*   Expected October 2019
UC Davis | *Certificate in Geographic Information Systems (GIS)*   Expected October 2019
Williams College | *BA in Institutions and Decision-Making in Public Health*   June 2013

Recently Completed Projects

Walkable | kjgaetjens.github.io/walkable.html | github.com/kjgaetjens/walkable
- Citizen participation and geospatial analysis site that allows users to send their location where they want a crosswalk, and allows admins to cluster, analyze, and visualize location data, or export coordinate tables; driven by Google Maps API, clustering algorithm, and centerpoint algorithm

Purple | kjgaetjens.github.io/purple.html | github.com/kjgaetjens/purplemap
- Location scoring site that allows users to receive an evaluation of an address based on factors that are important to them; driven by Google Maps API and scoring algorithm developed by our team

Work and Experience

QuestBridge | *Business Analyst*   September 2017 to June 2019
- Managed development and/or implementation of three web applications simultaneously
- Led the design of data architecture, ETL, and system integrations for two systems

Providence Health & Services | *Business Intelligence Analyst*   April 2017 to September 2017
- Helped transform legacy data environment into Enterprise Data Warehouse for integration with electronic health record system and improved access to multi-sourced historical data
- Gathered requirements for, and developed, SQL-based business reports (SSRS) for decision support

REAL Software Systems | *Business Analyst / Project Manager*   April 2016 to April 2017
- Managed key implementation issues for Fortune 100 company, including database growth, web application performance, ETL process improvement, statement generation, etc.
- Developed MS SQL queries to facilitate data reconciliation and business processes

Archetype Consulting | *Business Analyst*   November 2015 to April 2016
- Developed strategies for operationalization and execution of over 30,000 health insurance renewals

Exeter Group | *Senior Business Analyst*   August 2013 to October 2015
- Led cross-functional teams through all stages of SDLC for ACA Health Insurance Exchanges and Integrated Eligibility solutions impacting over 50,000 individual and small business users

State of Hawaii | *Department of Health Intern*   December 2010 to January 2011
- CDC-funded project to reduce obesity; analyzed data on farmers' markets and bus routes, developed tables and maps, and wrote a report with transportation alignment recommendations

Software Engineering & GIS Skills

ArcGIS, Python, JavaScript, React.js, Redux, Node.js, Express.js, SQL DBs, NoSQL DBs, Graph DBs