# Hugh Bowman

https://github.com/digitopoi
hubo85@gmail.com

## EDUCATION

**DEPAUL UNIVERSITY**                                                            **Chicago, IL**
- *MS Computer Science Candidate*
- Coursework: Discrete Structures for Computer Science, Introduction to Programming, Data Structures,  Systems

**UNIVERSITY OF KENTUCKY**                                                       **Lexington, KY**
- *Graduate Certificate New Maps Plus, May 2016*
- Coursework: Introduction to New Mapping, Programming for Web Mapping

**APPALACHIAN STATE UNIVERSITY**                                                 **Boone, NC**
- *BA Anthropology, Dec 2013*
- Relevant coursework: Principles of Geocomputation, Geospatial Data and Technology
- Presented paper entitled 'An Intervisibility Analysis of Prehistoric Stone Mound Sites in the Southeastern United States' at
- 16th Annual Celebration of Student Research and Creative Endeavors Conference, April 2013

## PROJECTS

- Interactive proportional symbol web map using JavaScript Leaflet library. Shows renewable power plant production in the United States. Allows user to click on map to create 500 km buffer.
- Full stack web application using Node.JS, MongoDB, Express.js to create a database of campgrounds. Users can add campgrounds
- Thematic web map created with QGIS and CartoDB displaying the cancer mortality rate by county in the United States. Data adjusted to account for population.

## TECHNICAL SKILLS

- Github Profile: www.github.com/digitopoi Web Map Portfolio: http://digitopoi.github.io/
- C#, ASP.NET, Python, Javascript, HTML5, CSS, Leaflet
- Tools/IDE: Git, QGIS, CartoDB, Visual Studio, Eclipse, NetBeans

## WORK EXPERIENCE

**William and Mary Center for Archaeological Research**                          **Williamsburg, VA**
*Field Archaeologist*                                                            *Jan 2014 – Jan 2016*
- Assess archeological sites for resource management, development, or conservation purposes and recommend methods for site protection.
- Data collection, analysis, and interpretation.

**Southern Illinois University - Center for Archaeological Investigations**       **Carbondale, IL**
*Lab Technician*                                                                 *May 2013 – Aug 2013*
- Write, present, and publish reports that record site history, methodology, and artifact analysis results, along with recommendations for conserving and interpreting findings.
- Data entry of artifacts recovered from sites.