**Evan Kivolowitz**

(608) 692-8327 | ekivolowitz@wisc.edu

GitHub | https://github.com/ekivolowitz/

**Work Experience**

Computer Repair Technician -- Information Technology Repair Shop - UW Madison

*August 2015 -- Present*

* Perform diagnostics on laptop and desktop hardware/software issues using industry software.
* Certified Dell repair technician, and in-training Apple repair technician.

Data Analyst -- Information Technology Repair Shop - UW Madison

*May 2016 -- Present*

* Created a concrete project spec based on an approximate design discussed with supervisor.
* Developing an internal cross platform desktop application to analyze and visualize datasets.
  + Created unique search queries to extract data from an internal database.
  + Used the Python Library Bokeh to interpret and visualize data.
  + Currently working on expanding analytical functionality to calculate spread and tendencies within the data.
  + Performing hypothesis testing and other analyses on the queried data to prove or disprove the need for workflow changes.
  + Developing modules with a focus on reusability and ease of testing.

**Education**

University of Wisconsin: Madison -- Sophomore -- Computer Science and Statistics

* Undergraduate Projects Lab -- Coordinator
  + In charge of administrating a hackerspace for like-minded Computer Scientists to collaborate and seek help on extracurricular projects.
* Triangle Fraternity -- Social Chair.
  + Create a fun, but professional networking events for aspiring engineers with professionals around Madison.
  + Plan unique events to gather donations to better the Fraternity.
* BadgerBlockchain – Cofounder
  + Organizing events focused on bitcoin and blockchain technologies around UW Madison.

**Personal Projects**

Differential Backup

* Developed a Java application to scan differences in metadata in a target and source directory, and transfer data that has not been included in the target directory from the source.

Chatty Charter Box

* Uses Python, Bash Scripting, Nodejs, and the Twitter API to monitor internet speed and tweet at Charter whenever internet service drops below advertised download Mbps.

**Research**

Social Network Analysis

* Lead programmer for a small research team creating concise models of social networks for Audience Segmentation.
  + Use Python, MongoDB, and the Twitter API to develop efficient and reusable techniques of fetching, storing, and managing data.
  + Focusing on optimizing algorithms to allow for efficient scaling.