**Evan Kivolowitz**

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

**Work Experience**

Technology Development Program (TDP) Intern – United Health Group – Optum

*June 2017 – Present*

* Develop high performance testing suite to optimize code under heavy stress.
* Make use of Agile development in infrastructure for working on the Data Lake.
  + Integrate Data Lake into reporting tools for more powerful managerial reports.

Research Assistant – Graphics and Data Visualization Lab

*March 2017 -- Present*

* Assist PhD students in their research by writing portable Graphics Libraries to support arbitrary data visualizations.
* Maintain the Graphics Lab’s website, as well as reducing overhead by switching to static web paging.

Research Assistant – School of Journalism / Department of Statistics

*November 2016 – May 2017*

* 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.

**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**

TextSpelunky

* Recreating the popular video game “Spelunk” solely in the terminal console.
* Uses C++, ncurses, and pthreads to develop a fluid gameplay experience.

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.

**Talks**

Discourses in Debugging

* Organized a Distinguished Visiting Professor talk on Debugging for ~120 students.

Twitter Research Board Colloquium

* Presented my research findings and pipeline to a board of Professors and PhD students.