Evan Kivolowitz

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