**Evan Kivolowitz**

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

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

**Work Experience**

Blockchain Development Intern – United Health Group – Optum

*June 2017 – Present*

* Develop Proof of Concept models for Blockchain focusing on data management.
* Made use of Hyperledger Fabric and Composer to develop permissioned Blockchain solutions.
  + Uses Golang, Javascript, D3, Nodejs, Bash, Docker, Python, and Git.
* Created Composer Blockchain deployment pipeline with an interactive blockchain visualizer

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 -- Junior -- Computer Science

* 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**

Distributed Trade Hackathon Challenge Prize Winner - [DREX](https://devpost.com/software/d-rex)

* Developed a marketplace for financiers to crowdfund electricity infrastructure in Africa.
* Built the marketplace on QTUM, and developed an ERC20 compliant token.
* Made use of Python / Flask, Solidity, Bash, and Javascript for implementation

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.