**Evan Kivolowitz**

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

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

**Work Experience**

Blockchain Development Intern – United Health Group – Optum

*June 2017 – August 2017*

* Developed 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 – September 2017*

* Assisted PhD students in their research by writing portable graphics libraries to support arbitrary data visualizations.
* Maintained 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 that created concise models of social networks for Audience Segmentation.
* Used Python, MongoDB, and the Twitter API to develop efficient and reusable techniques of fetching, storing, and managing data.

**Education**

University of Wisconsin: Madison – B.S. Computer Science – expected graduation May 2019

* 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 and R&D Chair
  + 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.

Aegle – A Proof of Exercise Cryptocurrency

* Built on Ethereum, created a mobile app that uses OpenCV to detect performed exercise.
* Automatically pays users based on amount of work they performed.

**Talks**

Introduction to Blockchain

* Created slide deck and presented it to several technology and Business groups within Optum.

Twitter Research Board Colloquium

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