

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](#)

- 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.