Evan Kivolowitz

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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

- 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.