

Harrison Hicks

hhicks13@vols.utk.edu · (317) 501-0920 ·

Knoxville, Tennessee



EXPERIENCE

- **Freelance**

Blockchain Consultant - Knoxville, TN

Worked with Blockchain startups/entrepreneurs advising on algorithm design, writing smart contracts, basic DEVOPS/scripting/configuration for consensus networks.

Spring 2018 - Feb 2020

- **Graduate Teaching Assistant**

GTA – Knoxville

Worked with professors and masters students answering technical questions and explaining material for applied statistics and analytics courses.

Fall 2017 - Fall 2019

EDUCATION

- **Masters , Industrial & Systems Engineering**

University of Tennessee, Knoxville

May 2021

- **B.S. Mathematics**

IUPUI

2017

Speaking Engagements

- **Gentle Introduction to Blockchain**

UTK Business Analytics Forum

April 2018

- **Money as a Technology**

Eubank Conf. on Real World Markets, Rice University

<http://eubankconference18.rice.edu/speaker-profiles/>

April 2018

SKILLS

- **Technical Skills:**

Python, Data Analytics, Statistics, PYOMO (optimization package), Pandas, Numpy, L^AT_EX

- **Technical Experience**

Scripting (Bash), Unix/Linux CLI, Rust, Matlab, Docker

- **Mathematics**

Mathematical Statistics, Optimization, Machine Learning Theory

PROJECTS

- **Quantum Algorithm Data Analysis (In-Progress)**

Conducted empirical analysis on data set representing performance of quantum algorithms on different graph topologies.

Python, Tensorflow

- **Implementation of Almost-Symmetry Detection Algorithm**

Implemented an algorithm for detection of graph symmetries, based on research paper:

optimization-online.org/detecting-almost-symmetries

Python