

# Yasser Kassif

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## Education

### University of Texas at Austin

BSA IN IN MATHEMATICS

Austin, TX

Aug 2016 – Jun 2020

CERTIFICATE IN IN ELEMENTS OF COMPUTING & DATA SCIENCE

## Experience

### BATs Force

SOFTWARE ENGINEERING INTERN

Austin, TX

September 2018 – Present

- Developing and maintaining suite of programming tools for dealing with language-tagged data
- Maintaining organization of all research data and running new data through pre-processing pipelines
- Applying statistical modeling and computational methods to language translation identification

### UT Austin - Cryogenics

DATA INTERN

Austin, TX

May 2018 – August 2018

- Conducted computational analysis with a variety of variables for physics cryogenics cooling research
- Built internal laboratory cryogenic material asset tracking system for department wide research activities
- General laboratory computer hardware and software troubleshooting and maintenance

### UT Austin - Pharmacology

RESEARCH ASSISTANT

Austin, TX

September 2017 – May 2018

- Built internal laboratory chemical database for the tracking of material usage in medicinal research
- Created protein 3d printing cura and chimera templates utilized to streamline future 3d printing processes
- Produced and edited animations of chemical protein simulations in 3d space to be utilized in education

### VDMIS Inc.

TECHNOLOGY INTERN

Houston, TX

May 2017 – September 2017

- Built Android to CMM Machine remote IR app allowing for better control of the metrology machine wirelessly
- Built internal company database for tracking of hardware component and software license sales
- Assembled metrology machine computers that connected to the Renishaw sensors for pre-programming

## Skills

**Tools:** Python, SQL, R, Javascript, Bash, Solidity, Qgis

**Coursework:** OOP, Datastructures, Data Analytics, Linear Algebra, Statistical Learning, Applied Statistics

**Design:** Chimera, AutoCad, Adobe Premier/After Effects, Latex

## Projects & Organizations

### ALGOrig

BUILT BITCOIN/ETHER MINING RIG WITH CUSTOM LINUX DISTRO THAT COORDINATED MINING TIME WITH ELECTRICITY COST SCHEDULE TO MAXIMIZE PROFIT.

Python, CUDA

github.com/ykassif/ALGOrig

### Texas Cryptocurrency Investment Group

FOUNDING MEMBER OF THE FIRST UNIVERSITY CRYPTOCURRENCY INVESTMENT GROUP FOR ALL UT STUDENTS.

https://tcig.club/

### Machine Learning and Data Science Club

CLUB THAT STRIVES TO ENCOURAGE STUDENTS TO PURSUE AND ALSO SHARE THEIR INTERESTS IN THE FIELD OF DATA SCIENCE AND MACHINE LEARNING.

https://mldsut.wordpress.com/

## Competitions

February 2018 **Correlation One Datathon**, Utilized Python and Qgis to visually map transportation data for analysis

Hackathon

