

YASSER KASSIF

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EDUCATION

University of Texas at Austin

BSA in Mathematics

Austin, TX

Aug 2016 - Jun 2020

Certificate 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, Golang, Java, SQL, Javascript, Solidity, Git, Bash
Coursework: OOP, Datastructures, Databases, Linear Algebra, Real Analysis
Design: Chimera, AutoCad, Adobe Premier/After Effects, Latex

PROJECTS & ORGANIZATIONS

ALGOrig Python, CUDA

github.com/ykassif/ALGOrig

Built Bitcoin/Ether Mining Rig with Custom Linux Distro that coordinated mining time with electricity cost schedule to maximize profit.

Texas Cryptocurrency Investment Group

<https://tcig.club/>

Founding member of the first university cryptocurrency investment group for all UT students.

Machine Learning and Data Science Club

<https://mldsut.wordpress.com/>

Club that strives to encourage students to pursue and also share their interests in the field of data science and machine learning.

COMPETITIONS

Correlation One Datathon

Hackathon

Utilized Python and Qgis to visually map transportation data for analysis

February 2018