

SHREYASH SHRIVASTAVA

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WORK EXPERIENCE

GOVBLOCKS, New Delhi, India

Summer Intern, May 2018 – August 2018

GovBlocks is an open, permissionless decision protocol that empowers Dapps to define and operate any governance model at scale.

- Worked on the Solidity (Ethereum) infrastructure of the company.
- Documented various Solidity API's that were used to implement the governance layer over registered Dapps.
- Used the kovan test network for deployment of the smart contracts. Used Truffle API, Mocha testing framework and Ganache to run and test the infrastructure.

UTSI, Arlington, TX

Supplemental Instructor, May 2017 – Present

- Helped students understand scripting in C language. Implemented various data structures, sorting algorithms and demonstrated extreme proficiency in class sessions.
- Assisted students outside general class timings for calculus. The position required a strong academic background, an excellent track record, and formidable leadership skills.

EDUCATION

The University of Texas at Arlington Honors College, Arlington, TX

Computer Science, May 2020

Departmental GPA: 3.8/4.0

Relevant Coursework: Artificial Intelligence, Data Analysis and Modelling Techniques (graduate level course), Machine Learning (PhD level course), Data Science

PERSONAL PROJECTS

- **Smart Contract Deployment on Rinkeby Testnet** (07/18 – 08/18)
Rinkeby/Ganache Cli contract deployment on Rinkeby test network. This project includes a step-by-step guide for deploying the bytecode generated by the solidity compiler on the Ethereum network.
- **Machine Learning Algorithm Implementation** (09/18 - Present)
Self-implementation of basic machine learning algorithms. Random Forest, K-means, Search Strategies, Logistic Regression in Python.
- **Lost in Space** (03/18 – 04/18)
A simple space game made using Unity3D and the scripting language as C#. This build includes a basic AI engine which tries to emulate the user's gameplay and learn to win from it. The game also includes preliminary game features like health bar and debris. GitHub Link for the projects – github.com/shreyash0023

CERTIFICATIONS

- **Generation Blockchain** (05/18 - Present)
On site certification course on development and deployment of Ethereum smart contracts.
- **Ethereum and Solidity Complete Developers Guide** (Udemy)
Used Ethereum, Solidity and Smart Contracts to build production-ready apps based on the blockchain.
- **Cryptography I** (Coursera, Stanford University) (09/18 – Present)
- **Hands on Hadoop** (10/18 - Present)
Manage big data on a cluster with HDFS and MapReduce. Write programs to analyze data on Hadoop with Pig and Spark Queried and stored data with Sqoop, Hive, MySQL, HBase, Cassandra, MongoDB, Drill, Phoenix, and Presto.

HONORS

- Scholarships: President's Charter, Vikram J. Bajaj
- Achievements: College of Engineer Dean's List, UT Arlington Honors College

SKILLS

- Solidity, Ethereum, Truffle API
- C, C++, C#, Java
- JavaScript, Node.js, React.js, Web3.js
- Python, PyLab, Machine Learning Algorithms, Data Analysis and Modelling Techniques
- Hadoop, MongoDB, Spark, MapReduce, HDFS