R. KEELE Clendenin

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Education

University of Texas at Austin - Computer Science Major

Graduation Year: (Junior) May 2021

College GPA: 3.25

Areas of interest: automation, machine learning, python, security

Leadership: President of the Texas Association for Computing Machinery (ACM) – the largest CS student org at UT,

Hackathon team leader for the WL competitive CS team.

Skills

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| --- | --- | --- |
| Familiar with   * Java * Python * C++ * Vim * Git / GitHub | Exposure to   * JavaScript * Google Cloud * Tensorflow * Docker * React | Other Skills   * Agile Scrum * Anaconda / Conda * Machine Learning * Jenkins CI/CD * Linux (Ubuntu/Arch) |

Professional Experience

EOG Resources (Fortune 500) *May 2019 – Aug 2019*

- Data Science intern – Machine Learning

* Created a computer vision application leveraging machine learning and custom models to identify gas leaks on facilities using drone flyovers
* Developed using Tensorflow, Python, Google Cloud, and Docker
* Reduced global greenhouse emissions of methane into the atmosphere through early detection using constant automated monitoring enabled by machine learning and a continuous feed of drone footage

Adobe (Fortune 500) *June 2018 – Aug 2018*

- Software Engineering Intern

* Increased test coverage by 20% using PHP and XML to generate tests for the Magento Functional Testing Framework
* Aided in development of a transpiler to convert XML to PHP
* Ran tests using Vagrant, Jenkins, and VirtualBox virtual software development environments
* Worked on an agile development team

Hackathon Projects

Dapster - SXSW Hackathon: First place in Blockchain category, First place in Music category

* Developed a music streaming service in React that utilizes a user’s spare CPU power for cryptocurrency mining to pay for the cost of streaming music rather than having to resort to advertisements or a monthly subscription model.
* A proprietary blockchain that keeps track of ownership of media files to prevent piracy with built-in custom encryption.

BlinkLink – First place at Convergent Expo

* Developed a program that seamlessly handles handoff of device connections with a Bluetooth device
* Built with Python, AppleScript, and Java creating an industry first in seamless multi-connection handling

Prescriptchain

* Developed A blockchain grounded e-prescription service in React that prevents forgeries and promotes privacy
* Used the Factom blockchain to verify authenticity, encourage legible prescriptions, and increase ease of use

Awards

**1st** Place SXSW Hackathon: Music category **1st** Place Convergent Expo

**1st** Place SXSW Hackathon: Blockchain category **2nd** Place Google Games