R. KEELE CLENDENIN

linkedin.com/in/RKClendenin | (737) 333-0044 | github.com/Clendenin

clendenin@utexas.edu

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

Familiar with	Exposure to	Other Skills
• Java	• JavaScript	• Agile Scrum
• Python	• Google Cloud	• Anaconda / Conda
• C++	• Tensorflow	• Machine Learning
• Vim	• Docker	• Jenkins CI/CD
• Git / GitHub	• React	• 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