KEATON CLARK

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EDUCATION

Bachelor of Science in Computer Science and Engineering   08/20 - 05/24
University of Nevada, Reno   *GPA : 3.6*

TOOLS

Languages	C · C++ · Rust · JavaScript · Python · Bash · Cuda · VHDL
Embedded Platforms	ARM · RISC-V · AVR
Software	KiCad · Unity · Solidworks · LaTeX

WORK EXPERIENCE

Finsure   07/21 - 10/21
Full Stack Intern   *Remote*

· Proposed an approach to increase web traffic and provide a profitable service to the Insuretech ecosystem as well as architecting from scratch the website and this webservice
· Composed over 200 webscraping scripts as well as the database needed to store and access the 100,000 data entries neccesary for this devolopment
· Advertised the project and the progress made to ITC Vegas, the largest conference of insurance leaders and innovators at over 30,000 attendees

Send Cut Send   07/21 - 10/21
Junior Programmer   *Reno, NV*

Juicy's Giant Hamburgers   10/17 - 07/21
Assistant Manager   *Reno, NV*

PROJECT EXPERIENCE

Dove - Embedded Systems Project   ARM, Python

· Designed a 32x64 led matrix clock for a personal project
· Leveraged free data bases as well as synchronous remote requests to display 366 unique graphics
· Adapted several libraries in order to increase operating speed and reduce flicker on the display

PlaceR - Virtual Reality Data Visualizer   C#, Unity, Python, Pandas

· Processed and manipulated 1 billion data points from the Reddit social experiment known as r/place and displayed these data points in a visually appealing manner with a virtual reality experience
· Leveraged Unity to create a heat map as an overlay of the r/place grid, where users could click through the experience to view the highest and lowest areas of activity as Reddit users edited pixels throughout the 5-day event
· Developed within a 24-hour time frame and won 1st place overall in the 2022 Reno ACM Hackathon

Swamp Cooler - Embedded Systems Project   C, AVR, PCB Design

NNCUDA - Neural Networks Library   C++, Cuda, Convolutional Neural Networks

RELEVANT EXPERIENCE

JPMorgan Chase & Co.   04/22
Forage: Agile Experience Program Participant   *Virtual*

Lyft   04/22
Forage: Back-end Engineering Virtual Experience Program Participant   *Virtual*