

KEATON CLARK

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EDUCATION

Bachelor of Science in Computer Science and Engineering
University of Nevada, Reno

08/20 - 05/24
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 <i>Full Stack Intern</i>	05/22 - 11/22 <i>Remote</i>
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- 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 necessary for this development
- 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 <i>Junior Programmer</i>	07/21 - 10/21 <i>Reno, NV</i>
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Juicy's Giant Hamburgers <i>Assistant Manager</i>	10/17 - 07/21 <i>Reno, NV</i>
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PROJECT EXPERIENCE

Dove - Embedded Systems Project	ARM, Python
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- 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
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- 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
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NNCUDA - Neural Networks Library	C++, Cuda, Convolutional Neural Networks
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RELEVANT EXPERIENCE

JPMorgan Chase & Co. <i>Forage: Agile Experience Program Participant</i>	04/22 <i>Virtual</i>
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Lyft <i>Forage: Back-end Engineering Virtual Experience Program Participant</i>	04/22 <i>Virtual</i>
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