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PROFESSIONAL EXPERIENCE

GOLDMAN SACHS, DALLAS, TX

Jan 2020 – Present

Software Engineer

- Develop critical applications for streaming out bond prices and sizes to third party venues
- Setup firewall rules for connecting to external trading venues
- Deploy new host instances to run new/existing applications
- Engineer solutions to replace legacy product state manager for bond, swaps, CDX, etc
- Perform integration testing prior to software releases
- Offer support services for existing trading applications

HALLIBURTON, DUNCAN, OK

June 2017 – Dec 2019

Software Engineer

- Develop analytic and testing software to help track the life of critical blending systems devices to reduce downtime
- Converted a subset of blending systems controls Visual C++ code to GNU C++ to run on Linux machine
- Analyze information to determine or recommend installations of new systems, or the modification of existing systems
- Decreased data transmission latency by 30% after redesigning a TCP/IP based communication protocol and prioritizing payloads

SOFTWARE PROJECTS

Video Streaming App – Dallas, Tx

Jan 2020 – Present

- Set up cloud hosted Gitlab instance, wrote CI/CD pipeline yml files for automatic deployment to Google firebase and VM instance in Google Compute Engine
- Configure Google VPC connector and load balancer
- Setup firewall rules based on project requirements
- Setup Docker files for all projects and micro services
- Organize task and run sprints for the Agile team

Home Automation – Texas Tech University

Spring 2017

- Deployed a Node JS server and My SQL database to a small Linux VM on GCP (**Google Cloud Platform**)
- Designed an IOS app that presents real time temperature and allows the user to control an AC outlet using a TI CC3200 and a SSR (Solid State Relay)

EDUCATION

Texas Tech University - Lubbock, TX

May 2017

Bachelor of Science in Electrical Engineering

Graduated Magna Cum Laude (in-major GPA: 3.79)

Programming Coursework: Verilog, Assembly, C, C++, JAVA

SKILLS

Software: (Proficient): AWS, Azure, Google Cloud Platform (GCP) C++, Python, Swift, Matlab, Labview, JAVA, JIRA (Familiar): Verilog, JavaScript, SQL, PHP, Unix, HTML/CSS, Jenkins

Other Skills: Teamwork, Time management, Communication, Active listening, Customer service

CERTIFICATIONS

Engineer in training, 2018

GCP