Clinton Steiner

11501 W 81st St, Lenexa, KS 66214 | (620) 480-0460 | clintonsteiner@gmail.com

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Professional Experience

Software Engineer | Spark Change LLC | Kansas City, MO — Nov. 2020-Present
- Provided go-live support, commonly writing 10 SQL programs/day while on-site at hospitals
- Performance tuned queries and programs to result in better index usage and estimations
- Wrote numerous cleanups impacting billions of dollars of GL transactions
- Created and implemented API program architecture, Python SQL parsers, and Linux ops alerting
- Rewrote web scraping program as Python REST script with parallel I/O for 95% speed increase

Database Administrator | INTRUST Bank | Wichita, KS — June 2020-Nov. 2020
- Automated multiple processes and reports via T-SQL, Batch, PowerShell, and C#
- Managed operations, patching, security, and remediation for ~80 SQL servers
- Developed custom SQL queries to enhance server monitoring capabilities

Mechanical Eng. Intern | Burns & McDonnell | Houston, TX & Kansas City, MO — Summer 2018, 2019
- Achieved highest score on comprehension test given to Oil and Gas interns
- Handled quality control for work done on Piping ISOs, P+IDs, and Navisworks
- Created Python program to compare database with file directory and quickly point out errors
- Programmed advanced VBA apps to automate engineering & review processes
- Performed Pressure Vessel calculations per ASME VIII and API 510 specifications
- Managed document review process with approximately 20 involved parties
- Served as Responsible Engineer for Amine Still replacement project (~$2Mil.)

Engineering Intern | Mid-Kansas Machine | McPherson, KS — May 2015-Jan 2018
- Designed, implemented, and trained employees on lean inventory management system
- Created 3D-models/assemblies, programmed and operated CNC Mills/Lathes

Dale Knop Farms | Ellinwood, KS — May 2010-Aug 2015
- Performed standard farm tasks including welding, maintenance, and machinery operation

Education

Kansas State University, Manhattan, KS — December 2020
Bachelor of Science in Mechanical Engineering — GPA: 3.23/4.0

Leadership and Involvement

Association for Computing Machinery, Treasurer — Dec. 2019-Dec. 2020
- Designed, developed, and built working Arduino 3D printer in a week for KSU Open House
- Rebuilt printer the following year and successfully repaired 150 HP engine with printed parts

Theta Xi Fraternity — Aug. 2016-Dec. 2020
- Designed, built, and implemented Linux server to manage Security Cameras, HID Access System, House Chores and 24TB Media Server. Rolled out system to 62 active members

Engineering Ambassadors, President — Mar. 2017-May 2019
- Managed and led meetings for 90 general members and 10-person executive cabinet
- Overhauled executive structure and organization requirements, rewrote bylaws

Technical Skills

- Languages: SQL, Python, XML/XSLT/XPath, Java, Bash, AHK, C#, VBA
- Tools: Solidworks, Navisworks, Document Locater, Bluebeam, Git, Linux, Agile, VMWare
- Projects: 3D Printer, iOS app, Radiation Detector, Vice-Clamp