Jeffrey Moorhead

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Work Experience

- Compliance Programmer – Interactive Brokers (Oct. 2019 – Present)

  - Develop and maintain compliance reporting systems to facilitate the processing of data for regulatory obligations

  - Lead the development and implementation of data correction tools to assist compliance analysts meet a deadline of T+3 for FINRA CAT reporting error corrections

  - Create a fully automated reporting system for affiliated introducing brokers to provide aggregate and sub-account-level futures positions for reporting to the CFTC and US futures exchanges

- Software Development Specialist – Datacor, Inc. (Aug. 2018 – Oct. 2019)

  - Gained hands-on relational database experience by maintaining the Chempax C/S back end and by using SQL, Python, and Progress ABL to query data for reporting

Education

- Drew University – B.A. in Mathematics, Magna Cum Laude (Aug. 2014 – May 2018)

  - Developed a full-scale e-commerce site using PHP and MySQL by implementing software development skills, including database design and object-oriented design, acquired through professional experience and theoretical course work

  - Acquired experience with common software development tools, including Git, through hands-on projects developed on university servers

  - Developed web applications using web technologies including JavaScript, jQuery, Bootstrap, and Flask

  - Excelled in a graduate-level independent study covering advanced abstract algebra concepts including Field Theory and Galois Theory that culminated in a published article on the constructability of numbers

Technology Summary

- Expert proficiency in Python

- Advanced proficiency in Golang, PHP, JavaScript, Bash scripting, Oracle SQL

- Intermediate proficiency in Java