**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