

Haroon Ahmad

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Data Scientist specializing in Data Analysis/Mining and Machine Learning, with a Master's in Accounting. Experienced working in Public Accounting firms with a wide range of clients, from small, private partnerships to large, public corporations. Interested in visualizing data using full stack development to make data-driven decisions. Also interested in employing Machine Learning to develop new applications.

SKILLS

- Programming Languages: Python, Ruby, JavaScript, HTML, CSS, SQL, R, MS VBA
- Libraries/Technologies: Pandas, NumPy, Matplotlib, Flask, SQLAlchemy, MySQL, MongoDB, Web Scraping (BeautifulSoup/Selenium), APIs (RESTful), Jupyter Notebook, PyMongo, Bootstrap
- Visualizations: Tableau, D3.js, Leaflet.js, Plotly
- Big Data: Spark, Hadoop, PySpark, MapReduce
- Machine Learning: Keras, Sci-kit Learn, Supervised and Unsupervised Learning, Neural Networks
- Multilingual (Arabic, Urdu/Hindi, Spanish), Currently learning German

EXPERIENCE

Georgia Institute of Technology, Atlanta, GA
Data Science and Visualization – Teaching Assistant

Nov. 2018 – Present

- Support students who are new to Data Science. Currently assist cohort of 29 students. Curriculum gives students a full-stack perspective, from data munging to visualization using popular technologies. For full course curriculum and technologies used, please see > <https://bootcamp.pe.gatech.edu/data/curriculum/>

KPMG LLP, San Francisco, CA
Audit Associate

Jan. 2015 – Aug. 2017

- Experienced auditing firms in the following industries: Alternative Investments including Hedge Funds, Venture Capital funds, and Private Equity Funds; Banking; Healthcare; and Tech/Startups.
- Assisted teams in completing audit from start to finish in a timely manner.
- Learned multiple audit areas by consulting audit documentation and applying audit techniques/methods.
- Communicated any audit issues/results with client in a professional manner.

Novogradac & Company LLP, Alpharetta, GA
Audit & Tax Intern

Jan. 2014 – Mar. 2014

- Analyzed Partnership Agreements and other legal documents to verify contract stipulations.
- Used analytics procedures to test going concern of rental properties.
- Generated financial statements and audit report, with necessary disclosures regarding any significant changes.
- Used audited data to prepare Partnership Tax Return, accounting for book-tax differences.

EDUCATION

Georgia Institute of Technology Data Science and Analytics Bootcamp
Atlanta, GA

Certificate: Data Science and Analytics (2018)

Georgia State University, J. Mack Robinson College of Business
Atlanta, GA

Master of Professional Accountancy (2014)

Bachelor of Business Administration, Accounting (2012)

NOTABLE PROJECTS

All projects can be found through GitHub link above

- Hepatitis Detector – Using a Random Forest to predict Hepatitis fatality.
- Sentimental Twitter Bot – Analyzing how positive or negative a Twitter user is through Vader Sentiment.
- Last 50 Years of Music – Analyzing song lyrics over the last 50 years.