

Permanent Address

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EXPERIENCE

KPMG Data Citizens with Purpose

Tysons Corner, VA

Data Analyst

March 2022 – Present

- Analyze data for a non-profit client using Python libraries such as NumPy and Pandas to investigate trends with the intent of providing guidance about the client's outreach program spanning 500 zip codes
- Reinforce data governance principles among 6 team members to comply with an established framework
- Spearheaded implementation of team-based data platforms to track progress against 2 client-driven KPIs

KPMG US

Tysons Corner, VA

Technology Risk Management Associate

June 2021 – Present

- Facilitate testing meetings with up to 12 different client personnel to verify over 100 automated IT and business controls are following SOX principles and to suggest improvements to workflow operations
- Develop queries using SQL for 8 team members to automate control testing; led to 25% fewer delays
- Re-create data migration processes in Tableau using databases that house up to 72 million records and implementing procedures written in 1500 lines of SAS code, conserving 20% of team's budgeted hours
- Led control testing across 7 workflows and 38 sub-workflows for a national airport security client

Fidelity Investments

Durham, NC

Data Engineer Intern

May 2019 – August 2019

- Automated the rehydration process for 3 application clusters leveraged by Fidelity's Data Engineering teams through executing Ansible playbooks and Linux commands; boosted process efficiency by 500%
- Composed an Ansible playbook to accelerate the installation of Docker on Ubuntu & RHEL machines

PROJECTS

- Titanic: Predicted with 76% accuracy if a given passenger would live or die through data wrangling and by applying Scikit-learn to build machine learning models (<https://akshat263.github.io/Titanic-Project/>)
- Carol Lee Donuts Website: Coded a fully functional website for a local business from scratch, in which users can place and edit online orders through a connecting database (<https://youtu.be/EMJdqIRTxuQ>)

ORGANIZATIONS

KPMG Chesapeake Advisory Staff Council

Tysons Corner, VA

Co-Chair of Professional Events Committee

October 2021 – September 2022

- Founded a Certification Panel in which 5 professionals with relevant Advisory certifications presented to 85 firm employees to emphasize the importance of certifications and to highlight available resources

EDUCATION

Virginia Polytechnic Institute and State University (Virginia Tech)

Blacksburg, VA

B.S. in Business Information Technology (BIT) and Finance

Graduation: May 2021

- Graduated Summa Cum Laude with a cumulative GPA of 3.83/4.00
- Earned Dual Degrees in BIT (Decision Support) and Finance (Corporate Management)
- Awarded the BIT L.J. Moore Outstanding Achievement Award in April 2021

SKILLS

- Intermediate proficiency in Python (4 yrs) – Libraries including NumPy, Pandas, Scikit-learn, Seaborn
- Intermediate proficiency in SQL (4 yrs), HTML, CSS, JavaScript, jQuery, D3.js, Bootstrap, Ajax, PHP
- Basic proficiency in Tableau (2 yrs), Linux, Java, UML
- Languages: Fluent in Hindi and English