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Akshat Chopra

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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
- Completed Dual Degree program for BIT (Decision Support) and Finance (Corporate Management)
- Awarded the BIT L.J. Moore Outstanding Achievement Award in April 2021

WORK EXPERIENCE

KPMG US   **Tysons Corner, VA**
Technology Risk Management Associate   *June 2021 – Present*
- Facilitate testing meetings with up to 12 different client personnel to verify their IT and business controls are following SOX principles and to suggest improvements to their workflow operations
- Query 8 relational databases in SQL to test for completeness and accuracy within SOX controls
- Re-create data migration processes in Tableau using databases housing up to 72 million records and implementing procedures documented in 1500 lines of SAS code, conserving 20% of budgeted hours
- Oversee 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 utilized by Fidelity's PI Data Engineering teams through executing Ansible playbooks and Linux commands; boosted process efficiency by 500%
- Programmed an Ansible playbook to accelerate the installation of Docker on Ubuntu & RHEL machines

EXTRACURRICULAR ACTIVITIES

KPMG Data Citizens with Purpose   **Tysons Corner, VA**
Python 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
- Enforce data governance principles among 6 team members to comply with an established framework
- Utilize data platforms such as Jupyter Notebook to track progress against 2 client-driven KPIs

KPMG Chesapeake Advisory Staff Council   **Tysons Corner, VA**
Professional Events Committee Member   *October 2021 – Present*
- 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

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

SKILLS
- Intermediate proficiency in Python (*3 yrs*) – libraries including NumPy, Pandas, Scikit-learn, & Seaborn
- Basic proficiency in SQL (*3 yrs*), Tableau, Linux, Java, UML
- Intermediate proficiency in HTML, CSS, JavaScript, jQuery, D3.js, Bootstrap, Ajax, PHP, PHP Simplex
- Languages: Fluent in Hindi and English