RIKITA PATANGAY

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EDUCATION

University of Texas at Dallas (**B.S Computer Science**), *Academic Excellence Scholarship* **(Aug 2019 – May 2023)**
- Computer Science Living Learning Community Member **(Aug 2019 – May 2020)**
- Relevant Elective Coursework: Database Management Systems, Intro to Machine Learning, Artificial Intelligence, Natural Language Processing, Object Oriented Design

New Tech High @ Coppell (**Diploma Obtained May 2019**), *Distinguished Level of Achievement,* **(Aug 2015 – May 2019)**
- Computer Science Endorsement (All 4 years), Spanish Honor Society
- Relevant Coursework: Fundamentals of Computer Science, Computer Science I, Game Development, AP Computer Science

Other Relevant Coursework:
- Google Data Analytics Professional Certificate **(Aug 2023 - Present)**
- Excel Basics for Data Analysis
- Java Data Structures + Algorithms
- Full-Stack Web Development with React Specialization Course
- Front-end Web Development Course with React
- Build Your First React Website Course
- Programming Course in HTML5 with JavaScript and CSS3

WORK EXPERIENCE/JOB SHADOWING

Fulfillment Associate (Amazon DFW8) **(Jul 2021 - Aug 2021)**

I worked as a package sorter at an Amazon warehouse, responsible for efficiently arranging packages onto pallets and addressing any conveyor belt jams that occurred. This role required precision in organizing packages and quick problem-solving skills to maintain smooth operations.

Online Grocery Pickup Associate Full-time (Walmart) **(Dec 2020 - Jan 2021)**

I was part of the Online Grocery Pickup (OGP) team at the store, dedicated to fulfilling customer's online orders. My responsibilities included selecting and preparing items for pickup, ensuring accuracy and timeliness in order fulfillment. This role required attention to detail and a focus on providing a seamless online shopping experience for customers.

Data Analyst Part-time (GaSearch LLC.) **(Jun 2018 - Aug 2018)**

I converted marketing data into an Excel document for an Energy Intelligence company. I extracted information from over 100 PDFs and meticulously transformed it into organized Excel spreadsheets, adhering to the specific formatting preferences of the client. This process involved ensuring accuracy and consistency to provide valuable insights for the company's operations.

I.T Job Shadowing (The Container Store) **(Jan 2017 – Mar 2017)**

Job Shadowed an employee from the I.T Department for 30 hours. I watched the employee participate in his daily activities at the office. Also got to attend company meetings and see how daily SCRUM meetings are structured. At the end of my shadowing, I attended a conference /lunch where the CEO spoke on exciting things happening in the company.

DEVELOPMENT/ TOOLS

- SQL, Excel (Visualization, Pivot Tables, Formulas), Python, R, Java, JavaScript, React.js, HTML, CSS
- MySQL, Microsoft Office, Google Sheets, PyCharm, RStudio, Google Colab, Jupyter Notebook, Kaggle, Visual Studio Code, Eclipse

PROJECTS

- **Stocks Analytics Dashboard (Aug 2023)**
  I created an Excel dashboard to display stock data spanning 2022 and 2023, focusing on open, high, low, and close values. The dashboard featured a comprehensive year-long view through a line chart, capturing trends over time. Additionally, I highlighted specific months using individual data points in a separate chart, allowing for a detailed analysis of performance within those months.

- **Police Deaths Analytics Dashboard (Aug 2023)**
  Excel dashboard that presents data on police officer deaths in the United States. The dashboard provides insights into different aspects of police fatalities, including state-wise distribution, trends over the years, and causes of death. The bar chart swiftly caught my attention, showcasing that Texas bears the unfortunate distinction of having the highest number of overall police deaths among all states.

- **Adidas Sales Analytics Dashboard (Aug 2023)**
  Excel dashboard analyzing Adidas sales in the United States (USD) for the years 2020 and 2021. The dashboard provides insights based on different factors such as region, retailer, sales method, and product type. The Adidas Sales Dashboard is designed to provide a visual representation of sales data for the specified years and factors. The main goal of this dashboard is to help users gain insights into sales performance trends and patterns.

- **Coffee Sales Analytics Dashboard (Aug 2023)**
  I've designed an Excel Dashboard showcasing coffee sales trends over time, analyzing factors like roast type, package size, and loyalty card usage. Before constructing the dashboard, I meticulously cleansed the data using data analysis techniques ensuring accurate and reliable insights. The dashboard also provides insights into sales in Ireland versus the United States, offering a comprehensive view of a coffee businesses' performance.

- **Employees Database (Aug 2023)**
  I'm actively honing my SQL skills by immersing myself in the world of databases. Beginning with basic queries, I am progressively delving into more intricate challenges within the employee's sample database. This hands-on approach allows me to confidently navigate through a range of query complexities, enhancing my proficiency in SQL.

- **Natural Language Processing Portfolio (Jan 2023 - May 2023)**
  During my Natural Language Processing class, I built a public portfolio to demonstrate my proficiency in various assignments related to Text-Processing, NGrams, WordNet, Web Crawling, and Text Classification. Additionally, as part of the course requirements, I developed a simple chatbot program. Through these projects, I was able to gain practical experience and knowledge in natural language processing. We also looked ChatGPT for inspiration and research. These assignments were programmed in Python.

- *Machine Learning* **Portfolio (Aug 2022 – Dec 2022)**
  In my Machine Learning class, I developed a public GitHub portfolio to showcase my skills in various assignments. The portfolio includes assignments related to Linear Models, Logistic Regression, Searching for Similarity, and Kernel Ensemble Methods. By creating this portfolio, I was able to demonstrate my proficiency in these machine learning techniques. These assignments were programmed in R and Python.

OTHER INTERESTS/SKILLS

Music (Self-taught):
- Self-taught: Acoustic/Electric/Bass Guitar, Ukulele, Piano
- Very strong interest in music and playing instruments and have *10+* years playing acoustic guitar.

Photography/ Video Editing /Design (Self-taught):
- Photo taking/Editing (Adobe Photoshop) Video Editing (Adobe Premiere Pro, iMovie)
- Drawing, Graphic Design (Adobe Illustrator, Adobe Fresco), Figma for App Design