RIKITA PATANGAY

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MY GOAL
To find a dynamic work experience where I will be able to increase professional knowledge, be able to grow, and collaborate with like-minded individuals.

EDUCATION

The University of Texas at Dallas (**_B.S Computer Science_**), **_Academic Excellence Scholarship, Full-Tuition (2019-2023)_**
- Computer Science Living Learning Community Member (2019-2020)
- Relevant Elective Coursework: Intro to Machine Learning, Artificial Intelligence, Natural Language Processing, Object Oriented Design
  Graduated: May 2023

New Tech High @ Coppell (**_Diploma Obtained May 2019_**), **_Distinguished Level of Achievement_**,
- Computer Science Endorsement (All 4 years), Spanish Honor Society
- Relevant Coursework: Fundamentals of Computer Science, Computer Science I, Game Development, AP Computer Science

TECHNICAL PROFICIENCIES, TOOLS, AND PROJECTS

Languages: Java, C++, JavaScript, HTML, CSS, JS, Git, React, NodeJS, Express, Assembly MIPS, R, Python
IDES: Visual Studio Code, Eclipse, XCode, NetBeans, RStudio, Google Colab, PyCharm
Projects:

- **_Online Tutoring App_** As the team lead and front-end team lead, I oversaw the development of a responsive web app called Tutoring Academy. In addition to overseeing the development of the Tutoring Academy web app, I am proud to mention that our team utilized React.js and CSS for the implementation. The app consisted of multiple pages and a variety of components, all designed to enhance the user experience. To retrieve data, we utilized REST API, ensuring seamless integration with external data sources. Overall, our team successfully created a robust and functional application that met the needs of our mentor who was a faculty member/professor.
  (Jan 2023-May 2023)

- **Natural Language Processing Portfolio** 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.
  (Jan 2023 - May 2023)

- **_Machine Learning_ Portfolio** 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.

- **_Personal Portfolio_** Developed a personal portfolio homepage using HTML, CSS, and JavaScript
  (Aug 2022 - Dec 2022)

- **_Food Ordering Website_** I developed a dynamic food ordering website using React that was supported by Bootstrap 4, NodeJS, Express, and MongoDB. The project involved creating a full-fledged web client application with a mobile version built using React Native. Additionally, I implemented server-side support for the web application using NodeJS and Express, with database support provided by MongoDB. Overall, the project was a success and provided a seamless user experience across both web and mobile platforms. **(Jun 2022 – Aug 2022)**

- **Crypto Tracker App** Developed a cryptocurrency tracking web app in React using API (Coin Gecko).

Other Relevant Coursework:
- **Java Data Structures + Algorithms**
  The course covers fundamental topics in computer science such as Big O notation, data structures, and algorithms. I learned about various data structures including arrays, hash tables, linked lists, queues, stacks, trees, tries, and graphs. Additionally, also learned about important algorithms such as recursion, sorting, searching, tree traversal, breadth-first search, depth-first search, and dynamic programming.
- **Full-Stack Web Development with React Specialization Course**
  In this course I was able to complete a 3-part specialization where I learned and implemented Bootstrap 4, React, NodeJS, Express, and MongoDB. I designed a full fledge Web client application using Bootstrap 4 and React. I designed a hybrid mobile application using React Native. Also, developed server-side support for the web application using NodeJS and Express together with database support using MongoDB.
- **Front-end Web Development Course with React**
- **Build Your First React Website Course**
- **Programming Course in HTML5 with JavaScript and CSS3**

RELATED WORK EXPERIENCE/JOB SHADOWING

Data Analyst Part-time (GaSearch LLC.) Converted marketing information to an Excel Document for an Energy Intelligence company.
  (Jun 2018 - Aug 2018)

I.T Job Shadowing (The Container Store): Job Shadowed an employee from the I.T Department for 30 hours.
  (Jan 2017 - March 2017)

OTHER INTERESTS/SKILLS

Music (Self-taught):
- Very strong interest in music and playing instruments and have _10+_ years playing acoustic guitar.
- Electric guitar, Bass guitar, Ukulele, piano ● Music composition, audio production (GarageBand)

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