Mridula Kalluru

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SUMMARY

An innovative and multifaceted professional with a diverse background in healthcare and technology, adept at blending technical expertise with strong interpersonal skills to drive project success. Proven ability in project development, data analytics, cross-functional communication, proactive problem-solving, and operating workflows. Seeking a transition into a Product/Data role at a meaningful organization.

EDUCATION

Bachelor of Science, Major: Biology; Minor: Chemistry, Virginia Commonwealth University, Richmond, VA, *2018 - 2021*
Leadership: Alternative Break Site Leader - Organized and led groups of 10-12 on week-long service trips.
Certifications: Product Management Certification + Agile Product Owner + Scrum, Full Stack development

SKILLS

Technical skills: Python, CSS, HTML, JavaScript, SQL, Github, Software Development Life Cycle (SDLC), Data Analysis, Microsoft Office Suite (Word, PowerPoint, Excel, etc.), G-Suite, Figma, Tableau
Project/Product Management skills: Creative Design, A/B Testing, Roadmapping, Agile, Scrum, Impact Analysis
Soft Skills: Creative, Communication, Passion for Learning, Time Management, Organization, Self-starter, Detail-oriented, Critical Thinker

PROFESSIONAL EXPERIENCE

Oncological Associate, Clinical Operations
Icahn School of Medicine at Mount Sinai, New York, NY   *Feb 2022 - Mar 2023*
- Implemented Agile methodologies to streamline project planning and execution of a novel lab, working with cross-functional teams encompassing design, product, medical affairs, marketing, and business representatives.
- Revamped the lab's data collection strategy by launching an automated protocol, delivering data 30% under budget and reduced time-to-post clinical development by 75%.
- Led over 100 patient interviews, built risk assessment programs, and established Standard Operating Procedures to accurately assign patients to clinical trial groups.
- Utilized diverse data tools such as SQL and Excel for quantitative analysis of genetic databases, revealing novel patterns in cancer gene biomarkers. Identified 10+ potential therapeutic targets, driving strategic planning and implementing innovative, data-driven solutions.
- Analyze the market, devices, competition and identified pain points to implement growth opportunities.
- Presented scientific materials, engaged with key opinion leaders, and strengthened client relationships.

Research Associate
Virginia Commonwealth University - Physics Department, Richmond, VA   *Feb 2020 - Jan 2022*
- Aided in developing personalized oncological bio-nanotechnologies, utilizing an advanced knowledge of CAD, 3D printing, and physics, demonstrating an ability to learn and adapt to new technologies and fields.
- Orchestrated team efforts to manage multiple project deadlines, implement monitoring schedules, and ensure on-time delivery of deliverables.
- Proactively developed Standard Operating Procedures and established optimized business workflows, resulting in a 25% cost reduction and a 20% increase in laboratory productivity and performance.
- Applied statistical methods and data analysis techniques to analyze research data, uncovering valuable insights that informed several critical decision-making processes within the project.

Medical Scribe/Interpreter (contractor)
Liberty Language Services, Fairfax, VA   *Feb 2020 - Current*
- Collaborate with physicians and staff to optimize care for an average of 100 patients per week, improving patient flow, enhancing the quality of care, and increasing patients per hour by 40-45%.
- Utilized digital health platforms, cultivating a high-level proficiency in the EPIC/EHR systems.
- Translate and document medical visits performed by medical professionals in Telugu and English.

PROJECTS

Prostate Cancer prediction: Used Python and machine learning algorithms like logistic regression, decision tree, and random forest to create a model that predicted the likelihood of prostate cancer in males above the age of 40.
Tic Tac Toe with AI opponent: Created a fully functional Tic Tac Toe game with player vs player and artificial intelligence game modes. Used Python and its Pygame module, object-oriented programming, and the minimax algorithm.
Personal Website: Developed a personal website from scratch using Figma, GitHub, HTML, CSS, and Javascript.