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| **Merck Talent Acquisition Form**  **Where applicable, all fields on this form must be answered prior to submission.** | | |
| **Type of Posting: Internal Only, Internal and External, External Only External Only** | | **Hiring Manager Name:**  **Senthil Murugan** |
| **New Position or Replacement: New Position**  **If replacement, name of employee being replaced:**  **Collaborator(s)who should have Taleo access to requisition to review and print resumes: Dave Furman, Ambika Rana** | | |
| **Requisition Title** (*title viewable by public/applicants in Taleo*): Data Science Intern  **Job Title** (*title that flows from HtR cannot be modified*): Assoc. Spclst, Administrative Services  **Is the position an AIP (Annual Incentive Plan) or SIP (Sales Incentive Plan) Role?** Not Applicable  **Band/Pathway/Level OR Union Grade: 300/P1**  **Number of identical position openings: 1**  **Please Note – if you have more than 1 *identical* position – your recruiting contact will discuss with you how the posting will work for these based on your situation. *Identical* means the Position Title; Band/Pathway/Level OR Union Grade, Primary Location, and Organization Unit are the same for all positions.** | | |
| **Primary Worksite Location: Upper Gwynedd, PA (UGP1)**  **Secondary Worksite Location(s):**  **(For non-Field Sales/Remote based positions, location must match what is found in HtR)** | | |
| **Job Type: Internship**  **Shift: 1st**  **Days of Work (if other than M-F):**  MTWThFSaSu | **Amount of Travel Required: None**  **Amount of Overnight Travel Required: None**  **Relocation Provided:**  NoneDomestic OnlyInternational Only  Domestic &International | |
| **Alternative Work Arrangements:**  **Is this position eligible for any of the following? Please check all that apply:**  Compressed Work Week Flex Time Job Sharing Remote Work Telecommuting None | | |
| **For US & PR Positions Only:**  **Will this position provide Visa sponsorship? No**  **Export Control License**  If the job functions of this position include access to technology that is controlled for export under U.S. export control regulations, an export license from the U.S. Commerce Department may be required for a foreign national person to access such technology.  If the final candidate is a foreign national, Global Trade Compliance (GTC) will conduct a review to determine any applicable licensing requirements. If a license is required for the final candidate to perform his/her job duties and a decision is made for Merck to apply for such license, GTC will prepare a license application for submission to the Commerce Department based on information about the job position and the foreign national candidate to be collected and provided by the Hiring Manager. The licensing process typically takes about 3-4 months and involve legal fees that are charged to the Hiring Department. Licenses are typically issued for a 4-year period but can be renewed as necessary. If you have any questions please contact GTC: [1gltraex@merck.com](mailto:1gltraex@merck.com).”  **Will this position sponsor an Export Control License?** **No** | | |
| **Does this position require driving a company leased or owned vehicle on, across or outside of Merck sites?** | **No** | |
| **Hazardous Materials: Will the person in this postion work directly with, or have access to hazardous materials?: No *If yes, please specify:***  **Animal Work: Will the person in this position be directly associated with research or testing that involves animals and/or animal care?**  **No** | **Will the responsibilities of this position require the employee to enter core sterile manufacturing areas? No**  ***(These include WP: Bldg 12/62 Varicella Bulk, Bldg 28 Vaqta Bulk & Bldg 28 MMR Bulk. Durham: Bulk Viral & Cell Manufacturing)***  **Please indicate if titer testing or medical clearance is required for this position:**  NoneMMR VaricellaHepatitisHerpes Zoster  TB Blood TestChest X-Ray | |
| **Alternative Work Arrangements:**  **Is this position eligible for any of the following? Please check all that apply:**  Compressed Work Week Flex Time Job Sharing Remote Work Telecommuting None | | |
| **Position Description *(Please refrain from using any Merck specific acronyms – all should be defined at least once)***  Position Description (Please refrain from using any Merck specific acronyms – all should be defined at least once)  Merck & Co., Inc. Kenilworth, N.J., U.S.A. known as Merck in the United States and Canada, is a global health care leader with a diversified portfolio of prescription medicines, vaccines and animal health products.  Today, we are building a new kind of healthcare company – one that is ready to help create a healthier future for all of us.    Our ability to excel depends on the integrity, knowledge, imagination, skill, diversity and teamwork of an individual like you.  To this end, we strive to create an environment of mutual respect, encouragement and teamwork.  As part of our global team, you will have the opportunity to collaborate with talented and dedicated colleagues while developing and expanding your career.    The position provides the opportunity for the Intern to develop data-driven, profit-maximizing recommendations concerning the allocation and targeting of promotional resources through the application of quantitative methods to secondary data sources. Technical and analytical skills, including R and SAS programming, are required.    Primary activities may include, but are not limited to:   * Apply machine learning models to personalize customer experience * Promotion response modeling and resource optimization * Business impact assessment for physician- and patient-directed promotional programs   The Intern will gain experience with analytical projects that help to personalize customer experience through channel and content optimization. Projects may be product-specific or focused on issues spanning multiple products. At the conclusion of the term, the Intern will share results and recommended actions as a final project presentation.    This is a paid internship targeted to start in May/June 2020 for 10-12 weeks. | | |
| **Position Qualifications: *(please provide below)***   * **Education Minimum Requirement:**  Required: Currently enrolled in a graduate studies program in a Quantitative Discipline such as the following: Statistics, Mathematics, Econometrics, Quantitative Psychology, Machine Learning or another similar, relevant discipline. * Have completed at least two semesters of graduate study by May 31, 2020. * Be returning to school in Fall, 2020.   **Required Experience and Skills\*\*:**   * Applicants should have an interest in supporting pharmaceutical product Marketing and Sales initiatives and the ability to apply and interpret basic quantitative results.   **Preferred Experience and Skills:**   * Knowledge of Deep Learning and Advanced Machine Learning – specifically sequence prediction and reinforcement learning * Strong background in analytics and problem solving * “Hands on” skills with R, Python, and SAS or a comparable programming language is highly desired * Technical knowledge and experience with Multivariate Statistical Analysis, Multiple Regression Analysis or Design of Experiments.   **\*\*Please Note – The information provided in the “Required” section above will be used to create Pre-screening Questions in Taleo. Answers to these questions will determine whether a candidate meets the minimum qualifications to be considered for the position. Please ensure accuracy, as questions may not be changed once posted.** | | |
| ***Disclaimer:*** If the Administrative Associate for this area completed this form, it should be forwarded to the Hiring Manager to certify the information before submission.  **Certification:** As the Hiring Manger for this position, I understand that I should not change anything in Hire to Retire (HtR) or it may result in the cancellation of the requisition in Taleo and the need to maintain the position in HtR via the Create/Maintain Position transaction. All changes in HtR will trigger a re-approval (Manager and Manger +1) in HtR. If a change needs to be made, I will consult with my Recruiting Contact ***PRIOR*** to making any changes in HtR.  By typing in your name below, you certify that the information provided on this form is correct, that you understand the implications of making changes in HtR, and that you will reach out to your Recruiting Contact if you need to make a change.  ***The information on this form is correct and I understand the implications of making changes to the position within HtR (type name to the right): Dave Furman, Ambika Rana*** | | |