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**Optum Tech University, College of Artificial Intelligence**

**Program Application**

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| Applicant Information | |
| Name (First and Last) | William Ellis |
| Email | [william.ellis@optum.com](mailto:william.ellis@optum.com) |
| Applicant Location (e.g. Eden Prairie) | Telecommuter (Long Branch, NJ) |
| Job Role (e.g. Data Scientist 2) | Manager |
| Manager | Deatra Slivinsky |
| Program (IBM AI Certification or Nanodegree) | AI for Technologists: Udacity AI Nanodegree (300 Level) |
| Cohort Requested:   * January 2020 * April 2020 | April 2020 |

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| Education | |
| Do you have college level knowledge in all of the following subjects: logic, statistics, analytics, and problem solving?  **(Yes, No)** | Yes |
| Please rate your level of data science math knowledge (e.g. linear algebra, differential equations, matrices, vectors, discrete mathematics). **(Novice (1) to Expert (5))** | 4 |
| Do you have a computer science degree? **(Yes, No)** | Yes, MS |

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| Experience | |
| How many years of experience do you have working in a computer science role?    **0-3**  **  4-6**  **  7-9**  **  10+** | 10+ |
| Please provide a short description of your experience working in a computer science role. | Data visualizations, ETL, database management/programming, application programming/scripting. |
| How many years of experience do you have working in a data science and/or machine learning role? (Recommended for IBM AI program, required for AI Nanodegree)    **0-3**  **  4-6**  **  7-9**  **  10+** | 0-3 |
| Please provide a short description of your experience working in a data science role. | My current role includes data analytics involved in development of dashboards and ETL to support those dashboards. I have also done a prototype of a time series model for project planning. Also participated in the Optum Surge PRE competition. |

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| Are you currently working as a programmer?  **(Yes, No)** | Yes |
| Please select your level of experience with Python for data science. (Note: This program requires experience with Python for data science)    **None**  **  Beginner**  **  Intermediate**  **  Advanced** | Intermediate (I have extensive experience with Python in four of the data science courses I have completed). |
| Please provide a short description of any additional programming experience that you have. | Tableau, SQL, Alteryx, .NET, Javascript, others. |

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| Role | |
| Please provide a short description of your job responsibilities. | I develop Tableau visualizations involving Medicare and ACA data, ETL/data cleansing, development of automation of team’s processes using Alteryx and Tableau REST API. |
| Please provide a short list of the projects that you are currently working on. | Consolidating ACA and Medicare data for geo and other dashboards for MA clients. Automating batch publishing of Tableau dashboards. |