**Initial Proposal Form – 2019/20**

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| Programme of Study: | MSc in AI |
| Student Name: | Neeraj Vashistha |
| Student Number: | 190573735 |

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| Potential Supervisor: | Anne Hsu |

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| Proposed Title: |
| Understanding CFG in conversational linguistics. |

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| Proposed Aim: |
| I would like to solve the problem of understanding Natural Language in open domain in conversational based environment. Chatbot are essentially limited to certain domain of their use such as banking, shopping etc. But I would like to create a chatbot with such Knowledge-base that it is able to understand and act according. |

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| Rationale |
| Commerical products like Amazon echo, Google Home, Apple Siri, have penetrated our lives. But these product are yet to become successful, which means there is lot of potential for research. If the problem of general intent extraction and entity recognition is solved with higher rate of precision and such machine learning models can be developed, this problem can be solved. |

Other Requirements

Python: 4/5

Machine Learning and Deep Learning: 4/5

Android: 2/5

nodeJS: 2/5

Bachelors of Computer, University of Pune, Score: 70.6 %