Why masters?

I wish to pursue a career in Machine Learning and Natural Language Processing ahead but I could not learn in-detail about them during my undergraduate education. A Masters degree Program will allow me to gain specialized knowledge to advance in my fields of interest and career.

Why this university?

Umass Lowell offer a wide range of courses including traditional computer science subjects and trending technologies such as ML and NLP: which are of my interest. Umass Lowell has got outstanding faculty in particular I liked the research done by Anna Rumshisky in NLP who also happened to be the director of TEXT MACHINE LAB FOR NATURAL LANGUAGE PROCESSING. This is driving me very much to work under her. Moreover, Umass Lowell is the top 2nd public university in Massachusetts and its computer science department is ranked top among other American universities according to CSRankings.org

Why this specific university?

UMass Lowell’s Computer Science department offer courses in almost all specializations such as cloud computing, Machine Learning, Data Science, CyberSecurity and even Bioinformatics. Excluding Algorithms we are completely free to select courses we like. So I will be able to take more courses based on ML an NLP as I’m not forced to do some traditional courses as in other universities. It has unique research groups and panels for every specialization which reflects their diversity. Moreover, the university further motivated me by offering a fellowship of 4000$.

Why masters in usa?

U.S. degrees have an excellent international reputation. They are well known for their quality education and well-structured programs, which provide a strong foundation of theoretical knowledge and emphasize building practical skills. The US is the birthplace of many technologies and innovations, and I would have a chance to be familiarized with noble world-class educationists. American universities are bastions of cultural diversity, and the global exposure provided by these universities will help me find better career prospects.

Why this Specialization?

Sir, during my undergraduate project I developed interest over ML and NLP. ML and NLP has wide range of applications and improves human computer interaction. We experience the significance of ML combined with NLP in our daily lives in the form of Google assistant, Amazon Alexa or Apple Siri. Also there a huge demand for ML Engineers and NLP Data Scientists in India. So when I come back to India after my Masters I will be able to find a descent job.

Sir, the reason why I chose computer science is because along with ML and NLP I also want study about Operating Systems and Databases in depth. Machine Learning can be used in operating systems to improve human computer interaction and adaptively optimize resource control done by the operating system.

Why Computer Science?

Sir, I did my undergraduate in computer science. I want to pursue my career in ML to become successfully….. along with my traditional courses like os and db.

Why don’t you gain some experience before doing masters?

Sir, my areas of interest are ML and NLP. My undergraduate taught me only the foundations and that too in the last semester. So, a masters program is the only way to gain specialized knowledge in these areas. Also a masters degree would give me head start in my career.

What after masters?

Growing demand for improved customer experience and rising number of choices in application areas are driving the growth of Machine Learning. The global NLP market is expected to reach USD 80.68 billion by 2026 from $135 million as in 2016. However there is a significant shortage of ML Engineers and NLP Data Scientists in India creating a huge demand for these roles. After my masters I will come back to India and I will join an MNC as a Machine Learning Engineer. After gaining enough experience in the market and if conditions are in favor I will even make a startup.

Why not other admit?

Sir, in other universities the courses related to interests are just electives where as in UMass Lowell they are core courses with their extensions and required fundamentals are available too as electives.

Why not UMass Amherst?

Sir, the combination of courses related to my interests are available in UMass Lowell and moreover considering my GRE score I would very less chance to get an admit in UMass Amherst.

About your Univ other than studies?s

In 1890’s Lowell State college and Lowell Tech institute were established and merged in 1975 as the University of Lowell. In 1991, the Lowell campus joined the University of Massachusetts system.

There are over 250 student clubs in UMass Lowell. There is a program called Student pair up program in which an international student is paired up with a native American student helping new friendships while expanding cultural horizons.

UMass Lowell has got an athlete team by name River Hawks.

UMass Lowell is also active in community service. Recently they ran a campaign to deliver Face Coverings to Community Organizations.

What do you know about Lowell?

In Lowell, the summers are warm, the winters are freezing, and it is partly cloudy year round.

Lowell is in close proximity to Boston which is home to MIT and Harvard University

Around 1880, Lowell became the first city in America to have telephone numbers.

It was the country’s first planned industrial town.

Lowell is home to unique historic sites, museums, and lively annual festivals. The Lowell Folk Festival is a three-day folk music festival typically held at the end of July each year, and Winterfest is held each February to celebrate the winter season.

Current research work going on in the university?

Prof. Xinwen Fu has been awarded more than $4.5 million by the National Science Foundation (NSF) and the U.S. Department of Energy (DOE) for his research on the Internet of Things, or IoT. This refers to the network of separate physical and virtual devices that communicate with each other wirelessly, without human interaction or intervention.

The cyber security team are building sensors so that the air quality data cannot be manipulated by anybody, even by those who can physically touch and access the sensors. And they have been awarded more than $4.5 million by the National Science Foundation (NSF) and the U.S. Department of Energy (DOE).

NASA Valkyrie Humanoid Robot - Developing the robot’s mobility, manipulation and human-robot interaction methods.

Some grant

What are your quarantine plans?

I have contacted the ISSO and they said that they would provide me a separate dorm room for me to quarantine and if this is not possible in any case I have already contacted the current students ad they are very helpful and said they would find a private apartment for me.

Where will you stay after going to US?

What is your GRE Score and English Proficiency Score?

My GRE score is 306; 163 in quant and 143 in English

I scored a 7 band in IELTS; 7.5 in Listening and 6.5 in all others

How many admits?

Sir I have applied to 4 universities; 3 admits and 1 reject.

Name them?

Admit: UMass Lowell, UNR, CSU FRESNO

Reject: SDSU

Who’s going to fund your education?

My parents are going to fund my education.

How will your father fund your education?

My father has savings of 25.6 lakhs and I have been approved a loan of 25.5 lakhs.

What’s your father doing and what is his income?

My father is a class A civil contractor and he’s into construction of Residential buildings. My families income is 12 lakhs per anum.

Any properties or assets in India?

Yes sir we have properties of apprx 2.5 crore in India.

Why don’t gain some experience before doing masters?

My interest in Machine Learning and my UG project

What is Natural Language Processing?

Natural language processing (NLP) is a branch of artificial intelligence that helps computers understand, interpret and manipulate human language.

What is Machine Learning?

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed.

Will you come back to India after Masters?

Why do you have 2 backlogs?

Sir unfortunately I met with an accident

Why do you think we should give you visa to study in the US?

I think I should be granted a visa because I am very much determined to study ahead, I am clear on my goals and I have the funds required to sponsor my education.

UMass Lowell’s program offers theoretical grounding combined with an industry-influenced curriculum.

iSAFER – Internet Security and Forensics Education and Research

Human Robot Interaction (HRI) Lab.

The university further motivated me by offering me a scholarship.

I think that Massachusetts has this educational vibe.

A collaborative team composed of Northeastern University (Taskin Padir and Robert Platt) and UMass Lowell (Holly Yanco) have received a NASA Valkyrie robot, building off of the team's work with humanoid robots at the DARPA Robotics Challenge. Valkyrie is currently housed at MassRobotics where researchers are working on improving the robot's ability to walk, climb obstacles, manipulate objects, and interact with humans.

The global market for natural language processing is significantly driven by the massive jump in digital data, the rise in the utility of smart devices, and the increasing demand for enhanced customer experience.

Amazon’s Alexa and Apple’s Siri are common examples of how NLP engineering has changed lives.

Natural Language Processing (NLP) Market to reach US $41 billion by 2025. Fortune Business Insights

US Universities are eminent for their quality education and well-structured programs providing a strong foundation of theoretical knowledge and emphasizing building practical skills. The US is the birthplace of many technologies and innovations, and the global exposure provided by American universities will help me find better career prospects.

American universities are bastions of cultural diversity

U.S. universities offer excellent support facilities

U.S. universities invest in optimized classroom experiences

American universities offer a flexible academic environment

To have a chance to be familiarized with a noble world class educationists.

UMass Lowell offer a wide variety of courses which includes almost all specializations such as cloud computing, Machine Learning and Artificial Intelligence, Data Science, Networks and Security. Excluding Algorithms we are completely free to select courses we like.

Also, this university has outstanding faculty who work in the same field which provides me ample of research opportunities.

Natural Language Processing (NLP) is a core AI Technology

Large volumes of textual data

Structuring a highly unstructured data source

NLP, or natural language processing, is a form of artificial intelligence (AI) and is especially useful for retrieving and analyzing unstructured data and public opinions, which is highly beneficial to many companies.

NLP Engineers create devices and systems that can understand the human language. They parcel language into shorter, more basic structures, work to understand the relationship between the structures and analyze how the structural pieces work together to create meaning.

Specialized Knowledge

Get a Head Start in Your Career

Gain deep insight into your career or industry

 a master’s degree helps you gain specialized knowledge to advance in your field.