

## Summary

Graduate computer science student seeking internship opportunities for Summer 2020 in a vibrant environment which will allow me to use my existing problem-solving skills and technical knowledge while continuously gaining new ones to solve problems and be a valuable asset to the organization which I am a part of.

## Education

**University at Buffalo, State University of New York**  
Master of Science in Computer Science & Engineering

August 2019 – February 2021  
**GPA: 3.58/4**

**Sir M. Visvesvaraya Institute of Technology, Bengaluru, India**  
Bachelor of Engineering in Computer Science & Engineering.

August 2015 – May 2019  
**GPA: 8.21/10**

## Technical Projects

- Boolean Search Engine** : Designed and built an inverted index to map terms to documents and used this inverted index to build a Boolean Search Engine (**NLP**) in **Python3** that returns Boolean query results.
- Image Classifier** : Successfully implemented a Neural Network and a Convolutional Neural Network (**ML**) using **Python3** to recognize an image and classify it as one of the given number of classes.
- Cancer Detection** : Designed and developed a classifier in **Python3** using logistic regression (**ML**) to classify suspected breast cells as benign or malignant.
- Tweet Processing** : Built a system to retrieve tweets in multiple languages from user timelines using the **Twitter API** and **Python3**, and index them using **Solr**.
- Text Summarizer** : Designed and developed an automatic text summarizer (**NLP**) using **Python3** that automatically generates the summary for any give input text document.
- Tic-Tac-Toe** : Developed and published an **android** application using **Android Studio** that is an implementation of the Tic-Tac-Toe game.
- Pharmacy DBMS** : Successfully built a web application prototype using **HTML**, **CSS**, **PHP** and **JavaScript** that makes use of a **DBMS** which interacts with end users and a database for a pharmacy.
- Rememory** : An **android** application built using **Android Studio** that help the user maintain a list of items and their locations in a **database**, and also search for a particular item.

## Professional Qualifications

- Programming : Python, Java, C, C++, Android, HTML, CSS, PHP, JavaScript, AngularJS
- Database : MYSQL, SQLite, Apache
- Others : Data Structures, Algorithms, Machine Learning, Information Retrieval

## Professional Experience

### Intern

*Siemens Gamesa Renewable Energy Pvt. Ltd.*

July 2018 - August 2018  
*Bangalore, India*

- Developed a web application for the employees to avail transport facilities at the company.
- Built a chatbot for my team website at the company using Python3 and Flask.

## Additional Activities

- Active member of the **Deep Learning Special Interests Group** – University at Buffalo where we participate in Kaggle challenges and conduct information sessions on implementing real world projects using Python, Tensorflow, Keras and other useful libraries.
- Key member of the **Event Management Team** for the 17<sup>th</sup> VTU Inter-Collegiate Youth Festival, Bangalore, India