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## EDUCATION

**Northeastern University, Boston, MA**  
**Khoury College of Computer Sciences**

Candidate for a Master of Science in Computer Science

Related Courses: Algorithms, Database Management System

January 2021 – Present  
Expected graduation-December 2022

**Gujarat Technological University, Ahmedabad, India**

Bachelor of Engineering in Computer Engineering.

Related Courses: C++, OS, Java, Advanced Java, Python, Computer System

May 2019  
CGPA: 8.9/10

## TECHNICAL KNOWLEDGE

**Languages:** Python, C, C++, Java, Javascript

**Database:** MySQL

**Web Technologies:** HTML, CSS, PHP

**Platforms and Tools:** Android Studio, TurboC, Visual Studio, Jupyter Notebook, Anaconda, MATLAB

**Certificates:** Python Programming, Advance Android, Software Testing Tool “Selenium”

## WORK EXPERIENCE

**UpHold Solution– Web Developer Intern**

**July 2019 – December 2019**

- Developed website using standard HTML/CSS practices.
- Researched different software programs, maintaining software documentation.
- Worked closely with web designers and programmers to develop website.
- Worked on real time projects and learned to test that software.
- **Technologies Used:** PHP, Java, Html, JavaScript

## ACADEMIC PROJECTS

### Epilepsy Seizure Detection

- Epilepsy Seizure Detection detects whether the patient is suffering from brain seizure or not. There are various algorithms available with large treatment gap. So as the solution of this problem I made a project in MATLAB which reduce the time complexity and increase the accuracy and also sensitivity.
- It uses the concept of machine learning to recognize the patient’s brain data and uses EEG signal along with classifiers for identification of seizure. As an output it generates the output in the form of graph.

### Library Management System

- It is a Java based website with user friendly interface with functionalities to issue, return, and view the status of books in library. Also maintains the database for the books available in library.
- Also, a secured system for logins and preventing unauthorized users to access the website.
- Programming Language- Java, HTML, CSS, jsp, servlet

### Online Shopping System

- It a PHP based website with MySQL database from both admin and client side. On the admin side, the authorized user can add products, view orders of customer and manage the website with proper security system. And on the client side, one can view products and make orders.
- Programming Language- PHP, HTML, CSS

### Hospital Management System

- It is a website that manage patient’s information and the patient can book their appointment online through this website. It’s a PHP based website with MySQL database.
- Programming Language- PHP, HTML, CSS

## INTERESTS/ACTIVITIES

- Stood first in Final Year Project Fair on topic Epilepsy Seizure Detection
- Participated in Smart India Hackathon
- An active volunteer of Technical Festival held under Gujarat Technological University