

## SHWEJAN PEDDI

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### SUMMARY

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Dedicated and motivated graduate student pursuing a Masters in Computer Science at the Illinois Institute of Technology, with a proven track record of academic excellence and a passion for teaching. Seeking a Teaching Assistant position to contribute to the learning experience of fellow students while further enhancing my own understanding of the subject matter.

### EDUCATION

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#### ILLINOIS INSTITUTE OF TECHNOLOGY

Chicago, IL

*Master of Science, Computer Science*

Since May 2022

- **GPA:** 3.67/4.0
- **Courses:** Software Project Management, Science of Programming, Data Preparation Analysis, Cloud Computing, Machine Learning, Database Organization.

#### INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KOTTAYAM

Kottayam, Kerala, India

*Bachelor of Technology, Computer Science & Engineering*

Aug 2018 – May 2022

- **CGPA:** 7.98 / 10.0 ( **GPA:** 3.19 / 4.0)

### SKILLS

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**Programming Languages:** Python, Java, HTML / CSS, JavaScript, SQL, C, C++, R

**Frameworks :** ReactJS, React Router 6, React Redux, NodeJS, Spring Framework, Spring Boot, Hibernate

**Databases:** MySQL, MongoDB, PostgreSQL, Microsoft SQL Server

**Tools:** VS Code, Eclipse, Anaconda, Spyder, Jupyter Notebook, Oracle SQL Developer, Microsoft Excel

**Others:** Keras, Tensorflow, Git, MS Project, MATLAB, Linux, Numpy, pandas, Scikit-learn, Matplotlib, JSP, JSTL, Custom Tags, JDBC

### EXPERIENCE

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#### Virtusa

Apr 2022 - Jun 2022

Java Developer (Intern)

Hyderabad, Telangana, India

- Trained in Full Stack Development using Java, with experience in the entire software development life cycle.
- Proficient in Spring Framework, JSP, JDBC, and Spring Boot, with a deep understanding of web application development.
- Skilled in writing supporting code for web applications or websites, with a focus on delivering high-quality software products.

#### Tann Mann Gaadi

Jun 2021 - Jul 2021

JavaScript Developer (Intern)

Bangalore, Karnataka, India

- Worked in a team of five to design and build an Over-the-top media service website, gaining valuable experience in web development.
- Skilled in designing, building, and maintaining websites using HTML, CSS, Bootstrap, MYSQL, and JavaScript.
- Proficient in writing, editing, and directing content creation for web pages, with a focus on delivering engaging user experiences.

### PROJECTS

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#### A Library Management System, Illinois Institute of Technology

Aug 2022 – Dec 2022

- Constructed an ER model for the application, turned it into a relational schema and then used it to develop a SQL script that addressed 95% of the desired data.
- Built a Web application with a database as the backend to store information about people, books, documents, and other objects.

#### Driver Drowsiness Detection, Illinois Institute of Technology

Aug 2022 – Dec 2022

- Designed and implemented a computer vision and deep learning model using Tensorflow, Keras, and OpenCV to detect driver drowsiness in real-time.
- Developed an alarm system that alerts drivers when they exhibit signs of drowsiness, helping prevent accidents caused by driver fatigue.
- Contributed to a potentially life-saving project with the potential to reduce the number of car accidents caused by driver drowsiness.

#### Third Eye : Object recognition for Visually Impaired

Aug 2021 – Dec 2021

- Developed a Machine Learning model using YOLO V5 algorithm to accurately and efficiently detect objects in real-time video streams captured through a camera.
- Utilized text-to-speech libraries to convert class labels of identified objects into speech, providing real-time audio feedback for visually impaired individuals.
- Contributed to an impactful project that has the potential to improve accessibility and independence for visually impaired individuals.