

# Shraddha Shaligram

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## EDUCATION

### University of Southern California, Los Angeles, United States

August 2019 - May 2021

Candidate for Master of Science (MS) in Computer Science

GPA: 3.5/4

Relevant Courses: Analysis of Algorithms, Web Technologies, Artificial Intelligence, Databases

### Dwarkadas J Sanghvi College of Engineering, Mumbai, India

July 2015 - May 2019

Bachelor of Engineering (BE) in Computer Science

GPA: 9.04/10

Relevant Courses: Object Oriented Programming (Java), Software Engineering, Data Structures, Machine Learning

## EXPERIENCE HIGHLIGHTS

### GitHub's MLH Fellowship, United States

June 2020 - Present

Open Source Contributor

- Selected amongst top 144 fellows from 20,000 global applicants to contribute to different open source projects using Typescript and Git. Also featured as 'Top Contributor of the Month' on n8n's [newsletter](#) for maximum PRs merged.
- Contributing to [n8n.io](#) by implementing different integrations such as [Google Tasks](#), [Zoom](#), [MessageBird](#), Customer.io nodes, creating [reference documentation](#), maintaining project board periodically, executing [code reviews](#), testing functionalities and working on n8n core features, and writing [technical blog posts](#) for open source beginners to get started with.

### DJ-Unicode, Mumbai, India (Undergraduate Open Source Development Community)

August 2018 - March 2019

Software Developer Intern and Mentor

- Mentored a full-stack development team of 15 sophomores for a project '[Student Information Portal](#)' for improved shortlisting of candidates for Software Engineering interviews by performing keyword extraction from student's resumes to align with recruiter's requirements.
- Steered [RESTful API architecture](#) and added features such as filtering students by grades and skills, dynamic generation of popular skills and historical trends of students' academics with Django web framework.

## TECHNICAL SKILLS

- Programming Languages: C++, Javascript, Python, Java, C
- Data Science Libraries: Tensorflow, Keras, Scikit-learn, NLTK
- Web and Database Technologies: React JS, Node JS, Express JS, Android, Amazon Web Services (AWS), Flask, Django, HTML, CSS, Bootstrap, Git, AJAX, MySQL

## PROJECTS

### News Bulletin - React JS, Node JS, Android, Flask, Javascript

<https://news2056934.wl.r.appspot.com/>

- Developed a responsive [Web-App](#) and [Android](#) app with [RESTful API architecture](#) that curates breaking news from NYTimes and Guardian for quick news consumption and deployed it on GCP and AWS.
- Implemented numerous features supporting smart view for category-specific news (Business, Politics, Sports), adding articles to read-it-later list, posting comments, sharing news via Facebook, Twitter, and filtering of stories by user's interest.

### Slack Clone - React JS

<https://github.com/Shraddha2104/Slack-Clone>

- Developed a functional clone of Slack using Semantic UI, for Login, Register and Channels functionalities for rudimentary learning purposes.
- Incorporated various features such as private chat rooms, public channels, emojis rich texts, favorite channels, new message notifications, and searching messages within channels.

### Halma (Chinese Checkers) - C++

<https://github.com/Shraddha2104/AI-Assignment-2>

- Programmed a game bot based on [Minimax with Alpha-beta pruning algorithm](#) up to ply-depth 3 to determine the best subsequent move in 2-player Halma (Chinese Checkers), also wins 95% times against amateur users.
- Employed efficient search algorithms to win in [less than 300 seconds](#) with [less than 60 moves](#) against 750 peer agents, utilizing Object Oriented concepts in C++.

### Anti Cyber-bullying bot - NLP, Machine Learning, Python

<https://github.com/Shraddha2104/Cyber-Bullying-Detection>

- Identified abusive interactions on Twitter by assigning a profanity score to tweets with an [accuracy of 84%](#) based on the Naive Bayes model.
- Won '[Highest Social Impact](#)' recognition at 'Code for Good' hackathon with more than 100 participants for categorizing tweets on a range of sensitive topics such as sexuality, race, intelligence and physical attributes.

## EXTRA-CURRICULAR ACTIVITIES

- Oracle Certified Professional Java Programmer (OCPJP 6) certification with [98%](#) score (ID: OC16678960).
- Developed touted assignments for OOP (Java), conducted weekly office hours to help students with best coding practices and solved conceptual doubts, as a [Teaching Assistant](#).