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

PROFESSIONAL EXPERIENCE

GitHub's Major League Hacking Fellowship, Remote, United States　　　　　　　　**June 2020-August 2020**
Open Source Contributor　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*bit.ly/39OT02v*
- 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.
- Contributed to n8n.io by implementing different integrations such as Google Tasks, Zoom, MessageBird nodes for a user-base of 8.6K, created reference documentation, maintained project board periodically, executed code reviews, tested functionalities and worked on n8n core features, and wrote technical blog posts for open-source beginners to get started with (link).

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, TypeScript, 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, GitHub

PROJECTS

News Bulletin - *React JS, Node JS, Android, Flask, AWS, GCP*　　　　　　　　　*news2056934.wl.r.appspot.com*
- Developed a responsive Web-App and Android app with RESTful API architecture that curates breaking news from New York Times and Guardian for quick news consumption, provides local weather reports 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.

Halma (Chinese Checkers) - *C++*　　　　　　　　　　　　　　　　　*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++.

Slack Clone - *React JS*　　　　　　　　　　　　　　　　　　　　　　*github.com/Shraddha2104/Slack-Clone*
- Developed a full-stack functional clone of Slack using Semantic UI, for Login, Register and Channels functionalities.
- Incorporated various features such as private chat rooms, public channels, emojis rich texts, favorite channels, new message notifications, and searching messages within channels.

Anti Cyber-Bullying Bot - *NLP, Machine Learning, Python*　　　　*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.