

Pulkit Jain

✉: pulkit.jain@tufts.edu

☎: +1-781-827-1690

in: pulkitjain10

📷: pjain03

EDUCATION

- **Tufts University** Medford, MA
Bachelor of Science in Computer Science *Expected May, 2019*
Honor(s): Dean's List

RELEVANT EXPERIENCE

- **CareDash** Cambridge, MA
Full-Stack Developer Intern *May 2017 - Aug 2017*
 - Created REST API routes for 3rd party consumption, facilitating exchange of privileged healthcare provider information.
 - Utilized Apache SOLR to combine in-house and third party data to deliver optimized search results.
 - Designed and implemented a responsive healthcare news portal for integration into Google News.
 - Optimized search engine discoverability of news portal by writing JSON-LD markup.
 - Added functionality to the UI to help collect user information more easily.
- **JumboCode** Medford, MA
Front-End/Mobile Developer *Jan 2018 - Present*
 - **Harvard Square Homeless Shelter:** Worked on a React Native application to help track resources, volunteers, bedding information, and lottery information for the Shelter.
 - **Boston Athletics Association:** Wrote a cross-platform mobile application to facilitate the tracking of volunteers at mass events such as the Boston Marathon, liaised with the designed to implement widespread UI changes, and governed the productization of the android application.
- **Tufts University Computer Science Department** Medford, MA
Teaching Assistant
 - **COMP170: Theory of Computation** *Jan 2018 - Present*
Taught recitation of 15 students, graded assignments and tests, and held office hours to help students with material.
 - **COMP20: Web Programming** *May 2017 - July 2017*
Assisted students with assignments and programming projects, graded student performance, and offered critique.

SELECTED PROJECTS

- **TONE:** Built a React Native app that uses Google Cloud's Speech API and NLP API, GraceNote's Music API, and Spotify API to listen to conversation and play a song matching the sentiment of the speech; Wrote a Node.js server to accept audio, perform sentiment analysis on the speech in the file, match it to a song with a similar sentiment, and return metadata about the song; Got selected to present the app as a **finalist of Polyhack2017**.
- **WISECRACK:** Developed a web application for Tufts students which allows them to learn more about the academic departments they are near using Google Maps API and a third party quiz API.

PROGRAMMING SKILLS

Languages: Python, Javascript, C/C++, SQL, Java **Technologies:** AWS, React, Heroku, Photoshop, L^AT_EX, Shell scripting, MongoDB, Django, NodeJS

PERTINENT COURSEWORK

Data Structures, Algorithms, Machine Learning, Computation Theory, Machine Structure and Assembly Language, Web Engineering, Programming Languages (current), Computer Security (current)

OTHER SKILLS AND INTERESTS

Foreign Languages: Hindi, Bengali, English. **Interests:** Taekwondo, soccer, reading.
Leadership: Tournament Coordinator and Treasurer for Taekwondo Club.