

Pulkit Jain

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EDUCATION

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

RELEVANT EXPERIENCE

- **CareDash** Cambridge, MA
Software Developer Intern *May 2017 - Aug 2017*
 - 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.
 - 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.
- **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*
 - **COMP20: Web Programming** *May 2017 - July 2017*

SELECTED PROJECTS

- **TONE:** Built a React Native app that utilizes a Node.js backend to accept audio, perform sentiment analysis on the speech in the file, and match it to a song with a similar sentiment; 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.

SKILLS

Languages: Python, Javascript, C/C++, SQL, Java

Technologies: Git, AWS, React, Heroku, Photoshop, MongoDB, Django, NodeJS, Flask

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.

Leadership: Tournament Coordinator and Treasurer for Taekwondo Club.