

Gagandeep Kang

Software Developer

Projects

FakeNews, November 2019 (BostonHacks)

- Built a Google Chrome Extension that helps check the authenticity of a news article
- Extension uses a machine learning model to check the title with known fake news headlines; implements a website reputability score; provides other relevant articles
- Built with HTML/CSS, Javascript, Python (Flask), Google Cloud NLP Model, BingNews API

QuickStop, October 2019 (HackHarvard)

- Designed a Flask application that optimizes travel within Boston by comparing prices, traffic, scheduled distance, and expected wait times
- Incorporates a recommendation for the user to take either Uber, Lyft, or Boston MBTA
- Built with Flask, MongoDB, and Uber, MBTA, LyftAPI

Silent Party, September 2019

- Developing an iOS party-chat application that synchronizes music and videos
- Implementing user choice of designated "DJs" to cue and create custom playlists
- Designing with Swift, Firebase, and Spotify SDK

Organizations

Software Engineer @ BU Hack4Impact

August 2019 - Present

- Working with a team of 14 to develop an interactive database for the AgriWorks project, an attempt to combat the Indian agrarian resource crisis
- Interpreting resource data sets and generating statistical interpretations/models to allow AgriWorks and the Indian government to establish more data-driven agricultural policies
- Alternating between working on Front and Back End development with VueJS and MongoDB

Treasurer and iOS Engineer @ BU Global App Initiative (GAI)

January 2019 - Present

- Developing an iOS and Android application for the CAIR coalition that allows admins to translate legal documents uploaded by the users
- Oversee club finances, host bi-weekly coding workshops open to all BU students, and organize GAI's annual BU Hack-A-Thon
- Interface with clients on a bi-weekly basis by presenting progress reports for the app

Professional Experience

Administrative Assistant @ BU Chemistry Department

September 2018 - Present

- Maintain inventory for department reservations and room assignments using 25Live system
- Record and update student transfer credits within TES software and Microsoft Excel
- Query Chemistry Admin Database to update ID card access within Chemistry Department

Education

Boston University

September 2018 – May 2022

Major: Bachelor of Arts in Computer Science and Mathematics

Cumulative GPA: 3.84

Awards and Honors: Dean's Honor List (Fall 2018, Spring 2019)

Skills

Programming Languages

Python, JavaScript, Swift, HTML5, CSS, Java

Libraries & Frameworks

jQuery, React Native, VueJS, Node.js, Express, PassportJS

Tools & Platforms

Git, MongoDB, Microsoft Office, Firebase, MVC

Relevant Coursework

- Calculus I/Calculus II
- Intro to Programming in Python
- Combinatoric Structures
- Data Structures and Algorithms
- Probability in Computing
- Computer Systems

Personal Info

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