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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