KEISHA MUKASA

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EDUCATION

Tufts University Medford, MA   **May 2021**

Major: Computer Science (Bachelor of Science)   GPA: 3.59
Relevant courses: Data Structures, Web Programming, Algorithms, Programming Languages
Current courses: Internet Scale Distributed Systems, Computer System Security

EXPERIENCE

SurveyMonkey – Software EngineerIntern San Mateo, CA   2020
- Created frontend features to increase accessibility and transparency of survey settings for survey respondents
- Implemented modal window to alert survey respondents when the survey has been modified and needs to be retaken
- Created an accessibility toggle to change survey modes for visually impaired users and improve their survey experience

Tufts University Computer Science – Teaching Fellow Medford, MA   2018 – 2020
- Supervised labs of 20 students to develop their programming skills and understanding of C++
- Facilitated weekly office hours where I addressed questions concerning assignments for the 300 students in the class
- Organized and oversaw course logistics, reporting student and staff feedback to the professors in weekly meetings

Tufts Center for Engineering Outreach – Intern Medford, MA   2019
- Created low-cost robotics kits by laser-cutting chipboard pieces for students to engineer and design structures
- Programmed games in CircuitPython and MicroPython for the micro:bit and Adafruit GemmaM0 for students
- Organized and published lesson plans and activities on the CEEO Steam Discovery Lab website for teachers

PROJECTS

Hungrindr – https://hungrindr.herokuapp.com *HTML, CSS, NodeJS, Express, Spoonacular API*   2019
- Built a web app that renders recipes based on the user's ingredient input
- Implemented server-side functionality using NodeJS and Express, and connected it to the Spoonacular API to receive recipes from the API's recipe database

JumboCode – Client: Just-A-Start *Python, Django, PostgresSQL*   2020
- Developed a web application for a non-profit Just-A-Start that stores and updates their alumni database
- Implemented server API used to update and fetch user data using Django and DjangoRestFramework

LEADERSHIP

Black Students in Computer Science – Executive Board Member   2020
- Facilitated study sessions to exchange computer science skills and provide support for CS course content
- Created events for students to network, practice technical skills and learn about opportunities in the tech industry

Global Orientation Host Advisor   2019
- Coordinated events for over 80 students of different nationalities in a pre-orientation program for Tufts University
- Oversaw a group of 11 students and hosted sessions to build first connections and support their transition to college

SKILLS

Programming languages: C++, C, HTML, CSS, JavaScript, Python
Technical tools and Frameworks: Git, Linux, Postgres, Django, NodeJS, Express, Pug, Bootstrap, Wireshark
Foreign Languages: French

INTERESTS: Dance, Collecting Earrings, Guitar, Singing, Hiking