

BHAVESH CHOWDHURY

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EDUCATION

SAN FRANCISCO STATE UNIVERSITY
B.S Computer Science 2020

CODING BLOCKS
Full stack Web Development 2016
Data Structures in C++ 2016

EMPLOYMENT

J PAUL LEONARD LIBRARY - Govt. Publications Student Assistant -
San Francisco State University

Oct 2016 -
Current

CODING BLOCKS - Web Development Teacher Assistant - Coding Blocks, New Delhi

Mar 2016 - Jun 2016

SKILLS

WEB DEVELOPMENT: Django, React.js, Node.js, JavaScript, HTML5/CSS3, Bootstrap/Materialize CSS, Meteor.js

DATABASES: MongoDB, MySQL

OTHER LANGUAGES: Java, C++, Python

PROJECTS

DASH.LY

Dash.ly is a multiplayer web game built on React.js. It is a modern take on the type-racing game where different words are shown for each player and the difficulty increases after every 5 words. I used Oxford Dictionary API to fetch millions of words and filtered them on the basis of their length. I also used Rapid.io real-time database which made it easier to build complex user interfaces.

MED FUSE

Med Fuse is an IoT project where a button is placed on a pill dispenser which is connected to a web application that doctors can use to check if their patients are taking medicines on a timely basis. It is a solution to a major medical issue called medication adherence. The button connects to the cloud which transmits the information and sends a text message to family members as well as present the information on a web interface.

EM.IO

Em.io is a web application that pulls tweets, analyzes them using IBM's Alchemy API to analyze the emotion of the tweets, and then plots them on a map, allowing for inferences to be made such as: where the happiest places are in the world, or in a city. It can also use other analyzation using Alchemy to gain even more inferences from this data and allowing for even more applications.

AWARDS

BEST TECHNICAL/USE OF HARDWARE HACK - Hack Merced

Sep 2017

Built a web app to play a famous party game with friends. Won the hackathon out of 30+ teams (over 350+ people attendance).

BEST HEALTH HACK - Hack Merced

Feb 2017

Worked on an IoT project that is a solution of medical issue. Won the hackathon out of 35+ teams (over 400+ people).

BEST USE OF RAPID.IO DATABASE - Rapid.io

Jul 2017

Worked on a multiplayer type-racing game that takes full advantage of Rapid.io database. Placed top 5 out of 25 teams.

BEST USE OF ESRI API - TechCrunch Disrupt

Sep 2017

Worked on a data analytics application for small businesses using ESRI Maps API.

DEAN'S LIST - SPRING 2017 - San Francisco State University

May 2017

Overall GPA - 3.8

ACTIVITIES

ASSOCIATION FOR COMPUTING MACHINERY - Officer - Tech Team leader

Aug 2016 - Current

Association for Computing Machinery (ACM) is a globally recognized organization that works towards professional development among computer science students. I have participated as well as hosted hackathons in our university. I have also conducted various workshops.

INCUBED SFSU - Director of Technology / Developer

Nov 2016 - Current

Incubed at San Francisco State University is a student organization that helps student launch their startups by leveraging existing resources from SFSU and San Francisco's unique startup ecosystem to provide support for current and prospective student founders.

VOLUNTEERING

SF HACKS - Organizer / Web Developer - San Francisco State University

Nov 2016 - Mar 2017

Organized first collegiate hackathon in San Francisco with over 350+ people in attendance. Designed and built the SF Hacks website - www.sfhacks.io. Maintained the Hacker Earth and hackathon signup.

STRUCTURE SECURITY - Volunteer - San Francisco

Sep 2016

Volunteered as a staff member at Structure security Conference