

MITUL O. SAVANI

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EDUCATION

San Francisco State University

Jan 2016 - Present

B.S. in Computer Science, Minor in Mathematics

- Related coursework: Software Development, Advanced Software Lab, Programming Methodology, Data Structures, and Analysis of algorithms.
- GPA: 4.0(Major) 3.88 (Cumulative) Dean's List: SP2016, FA2016, SP2017

EXPERIENCE

Association of Computing Machinery, Tutoring Officer at SFSU

Aug 2017 - Present

- Recruited and organized tutors for CS department tutoring sessions, Fall 2017.
- Assisted students with their side projects and assignments by showing them effective use of standard data structures and algorithms.

PROJECTS

Non - Scientific Calculator

Source Code: <https://github.com/mitulsavani/Calculator-with-GUI>

- Built calculator in Java by using Hash Map & Stacks with proper Encapsulation.
- Applied cohesion and coupling software design to add more features.
- Designed Graphical User Interface for easy usability.

Interpreter

Source Code: <https://github.com/mitulsavani/Interpreter>

- Developed Java Virtual machine which reads pseudo code language, interprets, and performs execution.
- Implemented using Array List, Stacks, Hash Map, and File Reader with proper encapsulation.
- Tested with math equations, factorial, and Fibonacci.

Grocery Store Simulator

Source Code: <https://github.com/mitulsavani/Grocery-Store-Simulator>

- Software simulates a grocery store with multiple cashiers and one line of customers.
- Built in Java and accomplished by using Hash Map, Stacks, and Queue.
- Tested with up to 600 simulated customers.

ACTIVITIES & SKILLS

2018 SF Hacks Hackathon Logistics and Planning Team

- Help to organize the largest collegiate hackathon in San Francisco (<http://sfhacks.io/>)
- Manage 1000+ applications of potential participants from all around the United States.

Programming: Java, C++, Assembly (Intermediate).

Web - HTML, CSS, JavaScript (Elementary), React (Elementary).

Development Tools - Git, IntelliJ, NetBeans, Code::Blocks.

Interests: Software Development, OOP, iOS Mobile Development.