

Dhaiwat Patel

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Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | UNIVERSITY OF HOUSTON

SPRING 2018

Skills

- **Programming Languages & Platforms :** Bootstrap, CSS, Git/GitHub, HTML, XML, JavaScript, Node.js, Android Dev, C++, Java, ARM Assembly, Linux
- **Development Software:** Eclipse, IntelliJ IDEA, Visual Studio, Android Studio, ARM Keil uVision5 (ARM Simulator)
- **Digital & Print Media Software:** Adobe Suite: Photoshop, InDesign

Projects

WEBSITE | JAVASCRIPT - HTML - Bootstrap

SEPTEMBER 2016 - CURRENT

- Building a website with good UX design, created for presenting personal projects, goals, and skills.
- Bootstrap is implemented to allow for scaling of webpage, allowing for different method of navigation for any device screen.

SPARSE MATRIX ADDITION | C++

SEPTEMBER 2016

- C++ Program that can perform sparse matrix addition using arrays or doubly linked list data structures
- Practiced handling of invalid matrix information and implemented execution of code through Linux terminal commands
- Parses two matrices from specified files, stores in linked list or arrays, and outputs to a file with summation

AUTOMATIC TELLER MACHINE | JAVA

APRIL - MAY 2016

- Worked with a partner to create a functional GUI using Java Swing for a simulation of a ATM system
- Implemented algorithms for deposits, withdrawal of funds, checked for overdraw, locked out user after several incorrect login attempts, used Card Layout to switch between menus/screens

BASIC ANDROID DEVELOPMENT | JAVA & XML

JUNE - AUGUST 2015

- Learned from a course on Udacity, a course which is taught and built by Google
- Android Studio, Android SDK, and a Nexus 4 was used to develop and test apps
- 3 sample apps created during course, which taught various Android specific Java functions and Android XML design layouts
 - 1) A simple Happy Birthday Card app, displayed happy birthday text with image
 - 2) Coffee ordering app, displayed various buttons to increment number of cups, and displayed price for user
 - 3) Basketball scoring app that simulated an interactive scoreboard. Implemented more complex layout structure décor

Organizations

CougarCS

SEPTEMBER 2016 - Current

BAPS Swaminarayan Temple, Design Studio

2012 - Current

- Junior volunteer graphic designer for temple's Design Studio, which is responsible for various print and digital media creation for the Houston temple
- Printing of posters, management of projects, and work with various departments for creation of media