Abhishek Zaveri

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Skills

Languages
C++
Python
C
MATLAB
x86 Assembly
Objective-C
HTML/CSS
Javascript

Tools
XCode
JQuery
Unix
Git
Vim
SQLite
LaTeX

Frameworks
Bootstrap
Drupal
Django

Education

University of California, Davis
B.S. Computer Science, Class of 2017
Dean's Honor List, Winter/Spring 2015

Coursework: Object-Oriented Programming, Adv. Data Structures, Computer Vision, Statistical Analysis Through Computers, Assembly Language, Computer Architecture, Programming Languages

Experience

UC Davis School of Medicine
IT Technician
July 2015 to Present

Setup large scale computer systems for staff members and medical doctors conducting research. Perform advanced diagnosis of system failures provide end user assistance/training.

UC Davis Graduate Studies
Webmaster
January 2015 to June 2015

Managed web content and assisted in on-going development of site with the Drupal framework. Utilized HTML and CSS for page updates, formatting new articles, event information, and web applications.

Projects

Davis Books Exchange
Python / Django
September 2015

Developing a Django web application that streamlines Davis's Free & For Sale textbook page. Students may put their books up for sale under specific subjects with easy access to all interested parties' offers and contact info. Allows for immediate payment using Venmo, implemented via REST calls to their API.

Kern Valley Sun Phone Directory
Objective-C & SQLite
August 2015

Developed interactive phonebook iOS application for a local newspaper. Incorporated a SQLite database of 5,000+ queries to establish directory of contacts. Allows contact search by number, name, or description of their business. Displays advertisements of all businesses, permitting users to find contact info through simple UI interactions.

Ancestry Finder
C++ Application
March 2015

Given a single query of two individuals, this program finds their youngest common ancestor, if existing. Implemented various data structures such as hash tables and queues to traverse through large amounts of data and sort family trees with efficiency.

Activites

UC Davis Computer Science Club
Active Member