Abhishek Zaveri

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Website
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Skills

Languages
C++
Python
C
MATLAB
Javascript

Tools
XCode
SQLite
Unix
Git
ServiceNow

Education

University of California, Davis
B.S. Computer Science, Class of 2017

Coursework: Object-Oriented Programming, Adv. Data Structures, Computer Vision, Theory of Computation, Computational Linguistics, Computer Architecture, Programming Languages, Algorithm Analysis, Operating Systems, Computational Optimization

Experience

UC Davis Information and Education Technology
Application Developer
Participate in two-week Agile Scrum sprint process developing and testing both back/front-end features for IT service management tool ServiceNow. Utilize Javascript-based ServiceNow classes to produce cilent scripts, UI actions, and cilent to server-side interactions. Created request management features that automate processes such as employee onboarding, account validation, and software requests.

March 2016
to Present

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

July 2015
to March 2016

UC Davis Graduate Studies
Webmaster
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.

January 2015
to June 2015

Projects

Transportation Network Flow
MATLAB / GLPK
Developed a series of linear programs to solve max flow, min-cost, and min-cost multi commodity problems subject to optimization constraints in a public transportation network of Vancouver. Determines optimal routes for each problem and displays a graphical representation of the entire network with routes on top.

May 2016

Kern Valley Sun Phone Directory
Objective-C & SQLite
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.

August 2015