

SHIVANG DAVE

Houston, TX

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EDUCATION

University of Houston - Clear Lake

Master of Science in Computer Science
Department of Computer Science and Engineering
Houston, TX

January 2017 - Present

Overall GPA: 3.5/4.0

Gujarat Technological University

Bachelor of Engineering in Information Technology
Silver Oak College of Engineering And Technology (SOCET)
Ahmedabad, India

June 2012 - July 2016

Overall GPA: 7.14/10.0

TECHNICAL STRENGTHS

Computer Languages	C/C++, Core Java, Objective-C, Swift, Python, MATLAB
Web Technologies	HTML5, CSS3, JS, PHP, JSON, XML, WordPress, Bootstrap, NodeJS
Computer OS	macOS, Windows, Linux
Databases	MySQL, MongoDB
Software & Tools	Xcode, Dreamweaver, Photoshop, Illustrator, Jupyter, Final Cut Pro X, MS Office, iWork, Postman, Filezilla, Atom, Netbeans, Android Studio, Visual Studio Code, Octave, LATEX
Frameworks(iOS)	Alamofire, SwiftyJSON, MapKit, CoreData, Google Maps, Places API, VR Integration, APNS, Apple Pay Integration, Social Media Plug-in(s), SQLite, Media Player, Fabric, Paypal, Stripe, Authorize.net

EXPERIENCE

University of Houston - Clear Lake

Graduate Teaching Assistant, Department of Computer Science & Engineering

January 2018 - Present

- Assisted Students and Professors for following Courses; Data Structures, Introduction to Mobile Applications, Mobile Applications (iOS)

University of Houston - Clear Lake

Student Diplomat, Office of International Admissions & Programs

September 2017 - December 2017

- Represented International Admissions Office for orientation(s) of new international students and assisted prospective students with their admission applications and addressed their concerns for the same

Stegowl

iOS Developer & Consultant

November 2015 - August 2016

- Responsible for design and development of iOS applications based on client specific requirements, Maintenance of existing applications, Communicating with the team of designers and developers & Mentoring interns

Self-employed

iOS Developer & Consultant

August 2014 - January 2017

- Assisted various start-up(s) by providing independent consulting

PROJECTS

Academic & Research

Face Detection based on fixed-point algorithm*
K-means Clustering implementation*
SOCET Mobile
Project Sharing Portal
A PhoneGap Application

**More information and source code is available on my [GitHub](#) page.*

Other

Air Quality India
The Smartr App
The CelebrityDDS
Smartr Marketing
Font-Note

RELEVANT COURSES

Graduate Courses

Machine Learning
Artificial Intelligence
Mobile Applications (iOS, Android)
Design & Analysis of Algorithms
Advanced Operating Systems
Concurrent Programming & Software Modeling

Undergrad Courses

Data Mining
Information Security
Distributed Database
Mobile Computing
Web Application Development
Computer Networks

EXTRA-CIRRUCULAR

Recognized by various national level media for organizing a Virtual Reality event at a state level technical festival and for contribution in development of an in-house VR headset, SOCET Vision

Completed ethical hacking workshop level 1.0 & 2.0 in association with Indian Institute of Technology, Delhi

Recognized by SOCET for hosting weekly sessions for beginners about Core Concepts of Programming, Introduction to macOS and Getting started with iOS Programming

Contributed to VR club at SOCET by assembling and configuring high performance workstation(s) for research and development.

LINKS

Portfolio <http://ShivangDave.com/>
LinkedIn <https://LinkedIn.com/in/dshivang/>
GitHub <https://GitHub.com/ShivangDave/>