Dave Shivang Kashyap

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EDUCATION

Master of Science in Computer Science   Expected December 2018
University of Houston - Clear Lake, Houston, TX   GPA: 3.33/4.00
Related Coursework:
Artificial Intelligence, Machine Learning, Mobile Applications,
Design & Analysis of Algorithms, Distributed Systems

Bachelor of Engineering in Information Technology   June 2016
SOCET, Gujarat Technological University, India   GPA: 7.14/10.00
Related Coursework:
Web Application Development, Data Mining, Distributed Database,
Mobile Computing, Computer Networks, Information Security

AREA OF INTEREST

- Mobile Application Development
- Artificial Intelligence
- Machine Learning
- Edge computing for IoT
- Blockchain for IoT

SKILLS

Programming Language: C, C++, Core Java, Objective C, Swift, Python
Web Technologies: HTML5, CSS3, JS, PHP, JSON, XML, WordPress, Bootstrap, Node JS, React
Computer OS: macOS, Linux, Windows
Databases: MySQL, MongoDB
Tools: Xcode, Sublime Text, Atom, Dreamweaver, Photoshop, Jupyter, Final Cut Pro X, MS Office
Miscellaneous: AWS EC2, Automated code deployment using AWS CodeDeploy, Android Custom ROMs, Hosting environment & server setup on Cloud/Remote servers using SSH/SFTP
Frameworks (iOS): Alamofire, SwiftyJSON, Map Kit, Core Location, Core Data, Google Maps, Google Places, Geolocation, VR Integration, APNS, Apple Pay Integration, Social Media Integration, SQLite, FMDB, MPMediaPlayer, AVAudioPlayer, Fabric
Payment Gateways (iOS): Braintree/Paypal, Stripe, Authorize.net, PayUMoney
Blog & Portfolio: http://www.shivangdave.com/
Github: https://github.com/ShivangDave

PROJECTS

- **Air Quality India (Self-employed)**   August 2016
  Developed an iOS application which provides real-time Air quality index and miscellaneous data from all across India. The data is measured as per the standard norms given by Central Pollution Control Board of India

- **SOCET Mobile (Academic)**   July 2016
  An iOS application for students of SOCET to keep them up to date regarding latest events and notices. Also, integrated VR mode which allows everyone to take a tour of college premises on their iOS devices with or without Google Cardboard

- **Project Sharing Portal (Academic)**   August 2014

  Developed a mobile responsive web application allowing students to upload their projects and demo it in subdirectory using HTML5, CSS3 & CI's PHP (MVC) framework

- **PhoneGap Application (Academic)**   April 2014

  Developed an application using HTML5, CSS3, JS, Bootstrap, PHP and AJAX with cross platform compatibility

- **More information:** *here*

PROFESSIONAL EXPERIENCE

Internship   August 2015 – 2016

Stegowl IT Solution, Ahmedabad, India

Projects: The Smartr App, The CelebrityDDS, Smartr Marketing, Font Note, PTEliteFit, Pop Playalong, Drum Playalong

Self-employed   August 2014 – Present

Projects:

Web designing and development, Mobile application design and development, Graphic Designing

VOLUNTEER WORK

- Volunteered as an IO leader for International orientation held at UHCL
- Hosted weekly sessions about core concepts of programming, Introduction to macOS and iOS programming for students at SOCET, India
- Hosted various departmental events at SOCET, India

EXTRACURRICULAR ACTIVITIES

- Completed ethical hacking workshop level 1.0 and 2.0 in association with Indian Institute of Technology, Delhi
- Hosted a Virtual Reality event at a state level technical festival representing SOCET
- Completed iOS training workshop held at SOCET, India
- Recognized by The Hindu and other national level media for contribution in design and development of an in-house VR product, SOCET Vision
- Member of the runner up team of DRM cricket tournament organized by Western Railway (Government of India)
- Assembled and configured windows based systems for maximum performance to handle VR applications at SOCET, India