



SIDDHARTH CHORDIA

SOFTWARE ENGINEER

INTRODUCTION

Hi there! I'm Siddharth and I am a passionate and driven Software Developer. I have developed a range of mobile apps till date. I look forward to helping you realize your vision for your next app.

PROFESSIONAL SKILLS

Languages, Markups and more - C, C++, Java, Eclipse, Python, PyCharm, Aptana, PHP, Javascript, HTML, CSS, SQL, PL/SQL, JUnit Testing, Android Studio, Salesforce.

Tools - GitHub, UML diagrams, Microsoft Office, Microsoft Visio, AutoCAD Basics, Catia Basics, WireShark.

Key Competencies - Problem Solving, Analysis, Leadership, Team-work, Communication, Goal Oriented, Quick Learner.

CONTACT DETAILS

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MY INTERESTS

Ping Pong
Sketching
App Development
Gaming

CAREER PROGRESSION

WEB/SALESFORCE DEVELOPER

Dar al Mas - U.A.E., 04/2018-Present

- Recreating Website for Dar Al Mas .
- Delivered a Sales Tracking Module using Salesforce.

GRADUATED THE UDACITY NANO DEGREE IN DEEP LEARNING

Student,04/2018 - 08/2018

- Familiar with the concept of a Multi-Layer Perceptron.
- Familiar with the process of training, validating and testing a Supervised Deep-Learning Model.
- Familiar with the concept of Convolutional Neural networks. Completed a project in which I created a dog breed classifier based on the images supplied to the CNN. If the image supplied was that of a human, the network would say so and try to figure out which dog breed they most closely resembled.
- Familiar with the concept Recurrent Neural Networks. Completed a project that attempted to create a script based on a dataset of the Simpsons' scripts that were supplied to it.
- Familiar with the concept of Generative Adversarial Networks. Completed a Face Generation project based on Deep GANs
- Familiar with the concept of Reinforcement Learning.

SOFTWARE ENGINEER

GalaxE Solutions - U.S.A., 05/2017-03/2018

- Ported android apps on Android TV Set-top box.
- Handled the publishing of a streaming service app for both iOS and Android.
- Secured a raise for remarkable performance.
- Led teams in the process of implementing API integrations with Salesforce. This was to setup custom telephony functionality within the CRM.
- Cleared numerous roadblocks the team was faced with during the development phase.
- Proficient with Apex, Visualforce, Lightning and System Admin functionality.
- Familiar with Triggers, Workflows and Process Builder.
- Familiar with the concepts of SOAP and REST APIs.
- Possess familiarity with Einstein and have a good foundation in Machine Learning through Udacity courses.
- Was a key player in setting up a mortgage system for our client in record time.
- Was a key player in setting up realty system for our client in record time.

SOFTWARE DEVELOPER

Sipit -U.S.A., 09/2015-04/2017

- Android Lead Developer
- Led the Android Development team to create a Ride Share app. Played a leading role in the development and coordinated with the rest of the team to create different components of the app. The Rideshare app would allow riders to schedule trips with drivers. The drivers could see the riders within their proximity and could accept to pick them on certain days. The app also included a chat feature for the riders and drivers communicate with each other.
- Used Android Studio for the project. Java was the main programming language which was used to build the application
- Communicated requirements and shared mock-ups with the clients.
- Planned and scheduled the software development life cycle.

EXTRACURRICULAR

Technical Academic Championships

- Secured third position in "Techno fest 2008, Working Model (Hovercraft) Category." My team made a working model of a hovercraft in a month. I had a major role in conceptualizing, selecting materials and constructing the model.
- Received the first prize in "Techno fest 2009, Working Model (Animatronic Hand) Category. The objective was to build in a month a robotic hand that could simulate the actions of a real hand. I coordinated the construction of the model and led my team to victory. We used Arduino which is an open-source physical computing platform to program the functionality of the hand using C/C++.

Android Projects

- Created the Air hockey prototype app which emulates the air hockey game. This app was built from scratch and the physics for the game engine was self-computed.
- Created the GUltar musical app. The app used the concept of additive synthesis to shape a sinusoidal wave into a saw wave to change timbre along an axis.
- Created a Snake Game based on the original. The mechanics of the game were designed from scratch.

- Salesforce Developer
- Collaborated with the Salesforce team to develop a database for our client. Created objects, workflows, classes and validations in the database. The database had an automated email update system.
- Played a significant role in converting the client requirements into a design while collaborating with the other leaders.
- Website Designer
- Collaborated on building the SIPI website. Worked with the team leader on guiding the website team on technical aspects.
- Company Intranet Designer
- Worked with the website leader on creating the company intranet to enable effective communication and resource sharing amongst employees.

RESEARCH ASSISTANT

University of Michigan - Flint, 09/2014 - 04/2015

- Computer Science Proficiency Exam Producer
- Developed the Computer Science Proficiency test, as part of a team, on Object Oriented Programming for incoming Computer Science and Information Systems Master's students.
- Research Assistant
- Developed program as a team, to find content words using file handling to remove interpretation biases. The C++ program could find top ten words, two word phrases and three word phrases from the content words in a document.
- Conducted research on Deep Learning. Did a study on Back Propagation Artificial Neural Networks. Deep Learning is a relatively new branch of Machine Learning.

ANDROID DEVELOPER/ VOLUNTEER

Genesee County - Habitat for Humanity, U.S.A., 07/2014 - 09/2014

- Developed an Android app for the organization. Java was the primary language used. The app had a spirit level feature for construction and levelling purposes.
- Raised \$1000 through a Facebook marketing campaign for the organization.
- Participated as volunteer at the Bastille Race Day venue. There were over 900 participants.

INTERN, MARKETING ASSISTANT

Bosch Power Tools division, Central Motors & Equipment, U.A.E., 02/2014-2 - 07/2012

- Created dealer incentive schemes and tracked dealer performance. The net sales increased from \$1.4 million to \$1.6 million comparing the first two quarters of 2011 and 2012.
- Collaborated with the organizing team to set up and manage the company exhibit at the Dubai WoodShow, the most valuable platform for the regional and international wood and woodworking industries in Middle East.
- Measured the market potential for wood-working and new ranges of power tools. Activity generated nearly 5% of the turnover.

ACADEMIC BACKGROUND

UNIVERSITY OF MICHIGAN, FLINT - U.S.A.

MS Computer Science and Information Systems(2015)

- Graduated with a 3.85 / 4.0 GPA
- Received a GMAT score of 690

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE , PILANI - DUBAI, U.A.E.

BE Mechanical Engineering (2011)

- Graduated with a 8.05 / 10.00 GPA