HEMIL DESAI
SOFTWARE DEVELOPER

(**765) 543 3906 – desai38@purdue.edu**

To obtain a Computer Science Internship where I can learn programming, algorithms and data structures that will help me become a software developer on a professional level.

EDUCATION

PURDUE UNIVERSITY, West Lafayette, Indiana   **2013 - 2017**
Computer Science (BS)
GPA: 3.98
Major GPA: 4.00

PROJECTS

CONNECTIONS ANDROID APPLICATION   **Spring 2015**
- Created an android application using the Twitter Fabric API (used Android Studio)
- Helps to connect people that require similar services
- Currently in beta development
- http://challengepost.com/software/connections-wotg1

SAFEWALK SIMULATOR   **Spring 2014**
- Created an android app for Purdue's safewalk system.
- Created a complete database and developed a model-view-controller paradigm
- Created an AI client and won the competition that tested the efficiency of the client

HackMIT (MIT's Hackathon)   **Fall 2014**
- Created an e-commerce website as a team project
- Experienced Facebook + Parse API, Database Management, Query Requests
- Used a LAMP server
- Used php, HTML5, CSS

TEXT TO SPEECH PROGRAM   **Fall 2014**
- Worked on .wav files using C++
- Created a program that converts a given text sequence to a .wav file using your own voice

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EXPERIENCE

CS 240 (C programming) Undergraduate Teaching Assistant   present

Yash Clinical Laboratory (Computer Assistant) - Surat, India   2011 – 2013

SKILLS

- Object Oriented Programming, Java, C
- Android Development
- Web Development (php, HTML, CSS, JavaScript)
- Databases (MYSQL) and SQL
- MATLAB, python, C++, R programming language

CURRENT INTERESTS

- Android and iOS Development
- Full Stack Web Development

OTHER ACTIVITIES	• Residence Hall Soccer Team Captain	2013 - 2014
	• Senator of University Residence Council (Hilltop Council)	2013 – 2014
	• Volunteer at FOOD FOR POOR organization – Surat, India	2011 – 2013
	• Caretaker in Surat Children's Hospital – India	2010 – 2012

CURRICULUM BEFORE SUMMER 2015

- **CS 240 Advanced C programming**
- **CS 182 Discrete Mathematics**
- **STAT 350 Introduction to Statistics (R programming language)**
- **CS 250 Computer Architecture**
- **CS 251 Data Structures and Algorithms**
- **CS252 Systems Programming**

DIGITAL FOOTPRINT

- GITHUB - https://github.com/hemildesai
- WEBSITE – http://hemildesai.github.io
- ChallengePost - https://challengepost.com/hemildesai?ref_content=user-portfolio&ref_feature=portfolio&ref_medium=global-nav