

# Shashank Sharma

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## EDUCATION

### VANDERBILT UNIVERSITY

BS IN COMPUTER SCIENCE AND

ECONOMICS

Expected May 2016 | Nashville, TN

Dean's List

Cornelius Vanderbilt Award Recipient

## LINKS

Github:// [8shashank](#)

LinkedIn:// [shashanksharma2](#)

DevPost:// [8shashank](#)

## COURSEWORK

### CURRENT

Artificial Intelligence

Cloud Computing

Android Concurrency

Software Engineering Project

### PAST

Algorithms

Digital Logic

Operating Systems

Design Patterns

Intermediate Software Design

Discrete Structures

Computer Organization

Web Programming

## SKILLS

### PROGRAMMING

Java

C/C++

Python

C#

Javascript

Android

Node.JS

## EXPERIENCE

### EPIC SYSTEMS | SOFTWARE ENGINEERING INTERN

May 2015 - August 2015 | Madison, WI

- Worked on app to auto-generate APIs from database using metaprogramming
- Contributed to testing framework for pub/sub system

### CLINIXMIS | SOFTWARE ENGINEERING INTERN

May 2013 - Aug 2013 | Brentwood, TN

- Created a website for the sales team to push announcements to customers
- Designed the data warehouse structure and wrote PL/SQL scripts for data backup
- Created a Java application to transform incoming data for database insertion

## PROJECTS

### API AUTOGENERATION USING ROSLYN

Wrote a program to dynamically generate C# classes and compile REST APIs from SQL stored procedures using Roslyn, Microsoft's open source *compiler as a service*.

### RUNCENTIVE

Developed an Android application to incentivize running by transferring money into your "spending" account based on how much you run.

(Winner of Best Use of Capital One API, VandyHacks)

### QUAKEWATCH

Created website that lists earthquakes happening in Nepal on the particular day, week and month. Written immediately following the first quake when aftershocks were very frequent.

### C++ UNIX SHELL

Unix Shell that supports running foreground and background processes, auto-recovery for terminated processes and querying process history.

### JAVA DATA TRANSFORMER

Created application that uses pattern matching and distance algorithms to clean weakly-structured data sent from hospitals.

### NEWSGAZE

Developed an Android application to show trending Tweets based on direction the phone is pointed at.

### STORY RECOMMENDATION ENGINE

Created a Python application that suggests stories to read based on the stories liked by your favorite authors on Fanfiction.net

## SOCIETIES

2014 VandyApps

2015 VandyCS

2012 Vanderbilt Students Volunteer for Science

2014 VandyHacks volunteer