

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