Campus Address:

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SHREYAANSH BASSI

ABOUT ME

I am an ambitious hardworking individual with a keen interest in Software Engineering and Database and Information Systems.
I'm always eager to learn new programming languages and work on new software.

TECHNICAL SKILLS

Programming: C, C++, JAVA, R, VISUAL BASIC, GTK+, ARM, MIPS

Web Development: HTML, CSS, VBScript, ASP

RELEVANT COURSES

- **CS 307** (Software Engineering (Scrum))
- **CS 348** (Introduction to Information Systems)
- **CS 252** (Systems Programming)
- **CS 251** (**Data Structures** and **Algorithms**)
- **CS 250** (Computer Architecture)
- **CS 240** (Programming in **C**)
- **CS 182** (Foundations of Computer Science)
- **CS 180** (Problem Solving and **O**bject-**O**riented **P**rogramming)

ACTIVITIES INVOLVED

- Member of **SIGgD** (Special Interest Group-Game Development).
- Member of a Purdue Anime Club.
- Member of the Purdue Squash Club.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
SOPHOMORE

PURDUE UNIVERSITY   MAY '18

GPA: **3.31**

PROJECTS

TEAM UP | JAVA & ANDROID SDK*   (January 2016- Present)

Working on a Team/Group based application that helps people who work on group projects to have a general sense of the progress on the project, communicate with the other team members and post a common task list for the project.

WEB CRAWLER | C++   (June 2015)

Constructed an internet bot for web indexing purposes, manually giving a parent URL and recursively visiting URLs' on the frontier and saving them and their description in a data structure to be used by a search engine.

BOILER SEARCH (SEARCH ENGINE) | C++   (July 2015)

Developed a search engine which operates by running an algorithm that mines the data stored by the web crawler and listing the relevant SERPs (Search Engine Result Pages). Searching was implemented using different data structures (Binary Search Tree, AVL Tree, Array and Hash Table) and the time was calculated for each search by different data structures to acknowledge the difference in speed taken by different data structures.

IRC SERVER & CLIENT | C++ & GTK+ 3.0   (April 2015)

Developed an Internet Relay Chat server and client model that facilitated communication via text messages. A user was allowed to set up an account by providing a username and a password to connect and chat with other people connected to the server in "rooms". The user was free to join a "room" or to create one.

SAFEWALK SERVER & CLIENT | JAVA & ANDROID SDK
(Nov 2014 - Dec 2014)

Designed a server in java and client application based on the Purdue "SafeWalk" program, where people connect to the server created through the android application, getting matched with a volunteer for the program (Safe Walk Program).

EXPERIENCE & VOLUNTEER ACTIVITIES

Purdue ROCS (**R**each **O**ut **C**omputer **S**cience)   (January 2016-Present)

- Work as a volunteer and go to different school to introduce kids to Computer Science.
- Teach the middle school kids languages like Scratch to get them started in Computer Science and the more experienced ones' languages like Python.

Statistics Course Grader   (January 2016 - Present)

- Work as a grader in the Purdue Department of Statistics.
- Work with a group of people grading the lab work, homework and exams by students in Statistics courses.

http://www.github.com/shreyaansh   https://www.linkedin.com/in/shreyaanshbassi