

KRUPAL SUTHAR

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OBJECTIVE

Seeking a position in a challenging IT environment where I can demonstrate my proficiency in software and application development.

EDUCATION

RUTGERS – THE STATE UNIVERSITY OF NEW JERSEY

New Brunswick, NJ

September 2012 - Present, Full time student

- Major: Computer Science
- Expected Graduation Date – May 2016
- Overall GPA – 3.038

Relevant Courses :

Data Structures, Principles of Information and Data Management, Computer Architecture, Systems Programming, Principles of Programming Languages, Software Engineering, Design and Analysis of Computer Algorithm, Web design, Internet Technology

SKILLS

- Proficient in following Languages: JAVA, SQL, C, HTML, CSS, JSP, JavaScript, Python
- Working knowledge of Linux Ubuntu, Windows 7,8, and 10, DOS, MS Office suite, MS Visio, Visual Basics, Eclipse, MS SQL Server 2003, Android Programming.

EXPERIENCE

PRECISION FOR MEDICINE – *GLADSTONE, NJ*

June 2015 - August 2015

DIGITAL DEVELOPER INTERN

- Develop, test, and analyze HTML e-mails, HTML5 iPad interactive presentations, and websites from early development through implementation stages.
- Perform maintenance and updates to existing websites and HTML5 iPad interactive presentations.
- Employ Microsoft visual basic and design an account-profiling tool to obtain information regarding company operations, which are presented in a graphical format by utilizing a self- developed algorithm.

HACKERSPACE – *RUTGERS- THE STATE UNIVERISTY OF N.J.*

October 2012 - Present

STUDENT ASSISTANT III

- Mentor 2-3 students per week with class assignments pertaining to computer science.
- Assist students with 3d printing projects.
- Prepare working environments, ensure stability, and fix technical issues on various equipment such as Raspberry pi, Panda board, and Arduinos.
- Provide stable hardware for students to demonstrate their work to potential entrepreneurial investors.

RELEVANT PROJECTS – *RUTGERS- THE STATE UNIVERISTY OF N.J.*

October 2012 - Present

- **“SPN Numbers”** – Objective: To develop front-end web interfaces to allow students to enter SPN numbers/data and then allow Teachers/admin roles to view and take action upon the data. Websites simulate the university process of obtaining special permission numbers required for students to gain access to a class during the semester. Project required individuals to work in a group setting. Responsibilities: Worked on making and designing the website using JSP and SQL.
- **Bit Torrent** - Implemented my own Bit torrent client that loads torrent files, interfaces with trackers and peers, and downloads a file from peers to save it on the hard disk. All communication is done over TCP.
- **Android Chess Game** – Developed an interface where two players can play a game of chess. In addition, they have an option to save the game and pick it up at whatever point they left off.
- **“Friendship Graph”** –Objective: To find connection between users based off of data input into the system. The user is given the option to find sub graphs by school, cliques, shortest path between any two people, and list of connectors. Programmed in JAVA using Dijkstra algorithm.

CVS PHARMACY – *KENDALL PARK, N.J.*

September 2012 – Present

CLERK/CASHIER

- Operate cash register, stock and maintain inventory, uphold highest standard of customer service and satisfaction.

