Shivang Bhatt

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PROFILE

*Computer Science graduate student with 2+ years of work experience in software development, database management, and distributed systems seeking an **Internship in Software Engineering and Technology.***

EDUCATION

Rutgers University, New Brunswick, NJ
Master of Science in Computer Science   Expected: May 2019
Current GPA: 3.66

DA-IICT, India
Bachelor in Information and Communication Technology   May 2015
Overall GPA: 7.98/10

TECHNICAL SKILLS

Concepts: RESTful Services, Object Oriented Programing, Distributed Systems, Big Data & Database Systems, NoSQL, Data Structures & Algorithms, Operating Systems, Swing, JSON, MVC, Agile Scrum Project Management
Software: Spark, Unix/Linux, Git, Cassandra, Kafka, Maven, ZooKeeper, MS Office Suite
Languages: Java, Python, Scala, C, HTML, SQL (beginner)

PROFESSIONAL EXPERIENCE

Computer Science Department, Rutgers University   January 2018- Present
Student Software Developer, Laboratory for Computer Science Research
- Developing a comprehensive **Java application** using Swing framework for a Computer Science research project in collaboration with Boston University.
- As a part of the team, I am responsible for all aspects of development including requirement gathering, designing, coding, and **communicating demos** to the various stakeholders in a **fast-paced environment**.

Flipkart Internet Pvt Ltd (www.flipkart.com), India   July 2015- July 2017
Software Development Engineer, Location Intelligence and Mapping Platform
- **Delivery Capture and Location Tracking:** Designed and developed highly robust RESTful API services in Java. Serving close to 1000 requests per second on live production servers.
- **Address Autosuggest:** Designed and implemented type-ahead-search behavior for incomplete addresses using Python. Resulted in 100 bps improvement for order conversions across 100 million customers.
- **Automated daily Sorting and Routing** of e-Commerce deliveries including ETA computations which entailed complete responsibility of the data ingestion APIs and computation modules.
- Designed and implemented frameworks on a diverse tech-stack which included core **Java**, distributed data streaming and computation engines like **Kafka** and **Spark,** and highly scalable data store namely **Cassandra**.

Software Development Intern, Supply Chain Platforms   January 2015- June 2015
- Developed an Android application for the delivery executives.
- Worked on the core ERP software base to implement Seller Holiday features as a part of the **Fulfillment, Logistics and Operations** framework.

PROJECTS

E-Commerce Object Recognizer, *Rutgers University*   September 2017- December 2017
- Developed a web service to help people find the name of the products by just taking a photo with their cell phone.
- Used YOLO Object Detection, Pre-trained TensorFlow For Poets and a Python-Flask Web App.

Operating Systems Design, *Rutgers University*   September 2017- December 2017
- Designed and Implemented User Threads using the Linux pthread API including scheduling and mutexes.
- Designed a pseudo-virtual memory system for this thread library including swap memory.

LokTalk Android Application, *DA-IICT*   August 2014 - December 2014
- Designed and developed an android application that would connect users to local area network activity groups.
- Followed Extreme Programming Development Lifecycle as part of the Software Engineering Course.

LEADERSHIP EXPERIENCE

Tech-Talk Lead, IEEE Student Branch, DA-IICT, India
Executive Member, IEEE Student Branch, DA-IICT, India
Deputy Convenor, Cubing Club, Student Body Government, DA-IICT, India
3rd Position, in Samsung-USID Student Design Challenge, 2012