

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 Development.

EDUCATION

Rutgers University, New Brunswick, NJ
Master of Science in Computer Science

Expected: May 2019

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

May 2015

TECHNICAL SKILLS

Concepts: RESTful Services, Object Oriented Programming, Distributed Systems, Big Data & Database Systems, NoSQL, Data Structures & Algorithms, Operating Systems, Agile Scrum Project Management

Software: Spark, Unix/Linux, Git, Kafka, Maven, Cassandra, ZooKeeper, MS Office Suite

Languages: Java, Python, Scala, C, SQL (beginner)

PROFESSIONAL EXPERIENCE

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**.
- **POI along routes:** Computed and retrieved Points of Interests along navigational routes using mapping data.

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 **Fulfilment, Logistics and Operations** framework.

Information Retrieval and Natural Language Processing Lab, DA-IICT, India

May 2014- July 2014

Research Intern

- Worked on Sister Language Pair Understandability in order to Quantify and Formulate Understandability Metrics.
- Developed and implemented testing techniques such as Relevance Judgement and Comprehension Understandability Framework.

Teaching Assistant, DA-IICT, India

May 2014- July 2014

- Primary teaching assistant for undergraduate-level Programming Language course.
- Developed course content, quizzes and assignments and taught up to 2 practical laboratory sessions every week.

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