

Aditya Chatterjee

Software Engineer

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EDUCATION

MS, Information Management

SEP '17 - JUN '19

University of Washington, Seattle, Washington - GPA 3.86

BTech, Computer Science & Communications Engineering

AUG '13 - JUL '17

Manipal University, Manipal, India

EXPERIENCE

Software Engineering Intern (6-month co-op program)

JAN '17 - JUL '17

Deloitte Digital, Mumbai, India

-Full-stack development on the SFDC and Heroku cloud platforms

-Cross-browser testing using the Selenium automation framework in Java

-Independent proof-of-concept project in Machine Learning (details in projects section)

SKILLS

Programming Languages: Java, Python, JavaScript

Web Technologies: Node.js, React, Django

Databases: MySQL, MongoDB, Postgres

Strong foundations in Software Engineering and Computer Science principles including Object Oriented Programming, Data Structures, Algorithms, and Database Systems

SELECTED PROJECTS

- **Deloitte, 2017:** Deployed a RESTful webservice using Apache PredictionIO, an open-source machine learning server built on Spark. The motivation behind the project was to demonstrate the use of collaborative filtering techniques on data extracted from the Salesforce CRM platform to build a recommendation engine.

- **Manipal University, 2016:** Built a simple distributed compression program to demonstrate the use of MapReduce in Java. The two-phase process involved calculating the character frequencies in files across nodes and calculating prefix codes using Huffman's coding algorithm, and then compressing the files locally.