Uditanshu Khatri

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EDUCATION

Grad School:

New Jersey Institute of Technology, USA **Sept 2021 - May 2023**
Masters in Computer Science **(Current GPA: 3.5/4.0)**

Undergrad School:

PDM College of Engineering & Technology, Bahadurgarh, India **Aug 2014 - May 2018**
Bachelors in Computer Science and Engineering **(GPA: 3.3/4.0)**

TECHNOLOGY SUMMARY

Programming Languages Framework: JAVA, Python, JavaScript, SQL, UNIX, Linux, C, C++, HTML, CSS, XML, JSON.

Frameworks, Databases & Servers: React, JDBC, Hibernate, RESTful web service, Spring, MySQL, Oracle, NoSQL, MongoDB, Neo4j.

Test Driven Development: JUnit, Jest, Mockito, Power Mockito.

Certifications - AWS Certified Developer - Associate

WORK EXPERIENCE

Z King **September 2018 - February 2021(2.5 Years)**
Bahadurgarh, Haryana *Role:* Teacher

Company Profile: Z King is an academy that provides coding bootcamps to students.

Responsibilities

- Developed curriculum to be used by students including coding projects.
- Taught introduction to programming languages to students using languages like python, Java, SQL.
- Also taught machine learning courses mainly recommendation systems, supervised and unsupervised learning, and natural language processing using python.
- Wrote sample projects and helped debugging, testing and implementing projects from end to end.

Technologies used: Python, Java, Junit, SQL, NoSQL.
Libraries Used - Numphy, Seaborn, Pandas,
Algorithms - Nearest neighbor, linear regression, logistic regression, K Mean, Decision trees, Random Forest, Neural Networks(Convolutional, Recurrent), Gantz.

Ledvance **February 2018 - August 2018**
Haryana, India
Role: Co-op internship, Software Developer Intern

Responsibilities

- Worked with the developer team on existing tools and implemented new features following agile practices.
- Created jobs in python to establish secure connection with servers, read, parse data and generate outbound feeds for internal employees.
- Created a parser that converted reports into human readable format in Java using object oriented principles.

Technologies used: Python, Java, JUnit, Mockito, LDAP

ACADEMIC PROJECTS

CRUD News website
This project was built on MERN stack, the goal of this project was to create a news website that allows registered users to log in and have a personalized news portal that displays news according to their preference.
Technologies Used: **Javascript, MongoDB, Express.js, Node.js, Jest, GitHub.**

Touchstone
TOUCHSTONE is a website that provides an assessment platform for academic institutions & organizations. Using this platform assessment quizzes can be created and assigned to students, trainees and employees.
Technologies Used: **Java, JSP, JavaScript, MySQL, HTML and JQuery**

Search Engine
An experimental search engine created on wiki dumps using a custom algorithm that combined algorithms like MapGraph, PageRank, WebGraph.
Technologies Used: **Java, Python**