

Akshay Kokane

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EDUCATION

UNIVERSITY OF GEORGIA MS IN COMPUTER SCIENCE

Expected: May 2020 | Athens, GA
Cum. GPA: 3.8

UNIVERSITY OF PUNE BS IN INFORMATION TECHNOLOGY

Grad. Dec 2017 | Pune, MH, India
Aggregate: 69.19% (Distinction)

Student Groups: ASCI (Head of Event Management and Production), Fourth topper of Information Technology Department

S.P JUNIOR COLLEGE

Grad. Dec 2013 | Pune, MH, IN
Physics, Chemistry, Math, Geography

LINKS

GitHub:

github.com/akshaykokane

LinkedIn:[in/akshaykokane/](https://in.linkedin.com/in/akshaykokane/)

Personal:akshaykokane.com

UNDERGRADUATE

Courses:

Computer Science: Machine Learning, Database, Advanced Database, Internet of Things (IoT), Algorithms

GRADUATE Courses:

Computer Science: Computer Vision, Decision making under uncertainty, Software Security

SKILLS

PROGRAMMING

Over 1000+ lines

Java, PHP, JavaScript, HTML, CSS, Python

Frameworks: Laravel, Vue Press, Java Spring Boot, REST, jQuery

Data Engineering: Apache Spark, Apache Kafka, Hadoop, HBase, NoSQL Database

CERTIFICATIONS

AWS Certified Cloud Practitioner, Machine Learning by **Stanford University** on Coursera. Udeemy's Apache spark with java, LinkedIn's Data Engineer: Mastering the Concepts

EXPERIENCE

THE UNIVERSITY OF GEORGIA | Graduate Research Assistant

January 2019 - Present | Athens, GA

- Developing the open-source Electronic data interchange (EDI) system for researchers to share the dataset, samples details, experiments result and related stuff at a single web platform.
- Using Spring Boot to develop REST web services.
- Analyzed and designed the database and back-end system, for efficiently storing and delivery of data

AMAZON WEB SERVICES | HARDWARE AND LINUX ENGG.

December 2017 - April 2018 | Mumbai, India

- Pioneered and developed website, to help new employee at AWS to understand the workflow of job and provide useful links at one place.
- Resolved work tickets by keeping customer obsession principle in mind. Achieved it by Intermediate Linux Troubleshooting, Remote Access to Console routers, IPMI etc

Books@Pune | Co-founder and CEO

August 2014 - August 2016 | Pune, India

- The company aimed to create online platform for engineering students where they can buy textbooks and reference books at considerably low cost. Students can also return used books on same platform and get good payback value. (booksatpune.in)
- Solved problem of unavailability of books for students living outside Pune City.

PROJECTS

Detection of malicious code in Web Assembly (WASM)

| Master's Research Project

Jan 2019 – Present

Web Assembly is the evolving technology and allows C/C++ codes to run in the browser. My work is currently focused on finding the methods for statically analyzing the code for understanding the behavior, and apply Machine Learning algorithm differentiate malicious and benign code.

Age classification using Convolutional Neural Networks

| Computer Vision Project

June 2015 – Dec 2015

Improved the training time by 20-30% by preparing Adience Benchmark face classification dataset using TfRecord. Got age classification accuracy around 75%.

Consistent Hashing Based Name Service | Distributed System Project

April 2019 – May 2019

Designed & implemented a consistent hashing (CH)-based flat naming system. The CH system stores (key, value) pairs on a distributed set of servers. These servers collaboratively provide lookup service along with insertion and deletion.

Smart Waste Management using IoT | State Government, India

sponsored project

July 2016 – May 2017

Developed and implemented the Smart Waste Management System, at rural level to solve the problem of garbage management. Worked as backed developer.