

Shaun Augustin Gonsalves

9 River Meadow Drive, Rochester NY 14623, United States

+1 585 481 9522 | [shaungonsalves.github.io](https://github.com/shaungonsalves) | www.linkedin.com/in/shaungonsalves | sg9373@rit.edu

Actively looking for internships and coops. Pursuing Master of Science in Computer Science (MSCS), with 2½ years as a software developer & consultant. Interested in Software Development & Research in areas of Big Data Analytics, Machine Learning, Computer Vision.

ACADEMICS

Rochester Institute of Technology (Currently pursuing)	Rochester, NY
Master of Science (MS) in Computer Science	August 2019 – December 2021(Expected)
Concentration: Artificial Intelligence, Big Data, Computer Networks	
University of Mumbai	Mumbai, India
Bachelor of Engineering (BE) in Electronics & Telecommunication	July 2012 – May 2016
Coursework: Microprocessors, Operating Systems, Computer Networks, Wired & Wireless Communication, Image Processing	

TECHNICAL SKILLS

Programming: Java, Python, Go	Other Skills: Git, Agile, HTML/CSS, JavaScript, Springboot, Azure, AWS
Operating Systems: Windows, Linux – Ubuntu, RHEL, Android	
Database: Oracle, MySQL/MariaDB, Postgres, PLSQL	Software Tools: Apigee, IBM AppConnect & APIConnect, Mulesoft Anypoint Platform

PROFESSIONAL EXPERIENCE

Tata Consultancy Services, Mumbai, India	January 2017 – August 2019
Systems Engineer	
<ul style="list-style-type: none">Integrated patient test data with salesforce using an API led integration solution for a healthcare client.Demonstrated a presales use-case for a customer using – Anypoint Platform & Informatica IICS, and won the contract.	
Assistant Systems Engineer	
<ul style="list-style-type: none">Developed middleware & REST APIs, securely exposing core banking functionality for a digital banking product.Developed middleware to integrate systems of a newly acquired company using IBM Integration Bus.Achieved an ILP rating of 5/5 demonstrating skills in Business Intelligence (BIPM) & Application Operations (ITIL v3).	

ACADEMIC PROJECTS

Big Data Analysis of taxi data in NYC and Chicago	July 2020
<ul style="list-style-type: none">Analyzed the relation between fares, trip times, and distance and trained ML models to predict taxi fares.Clustered and analyzed the data with DBScan to find peak taxi demand in - days of the week, and time of the day.	
Text mining and finding the most important words using Zipf's Law	June 2020
<ul style="list-style-type: none">Discovered the characters and words central to the story line in the books "Pride & Prejudice", and "Jane Eyre".	
Year-round Orienteering	February 2020
<ul style="list-style-type: none">Designed and implemented an AI algorithm to select an optimal path for orienteering using geospatial knowledge.Designed the solution for four seasons, i.e. Summer, Fall, Winter, & Spring.	
Moving Object Tracking and Navigation	April 2016
<ul style="list-style-type: none">Developed a Matlab script for acquiring a sequence of images, detecting motion, interpreting the location of the subject, generating navigation instructions and pushing it to a database.Developed a website and android app to display navigational instruction with audio aid.	

EXTRA-CURRICULAR

National Service Scheme (NSS-DBIT), District Level Camp on “Sustainable Development”
<ul style="list-style-type: none">• Co-organised a district level camp on Sustainable Development.• Designed policies and processes to make DBIT a zero-waste campus. Introduced a wet-waste to biogas solution.• Studied the geography using GIS, & implemented rainwater harvesting using CCT, & micro-dams at DBYS, Karjat.• Co-authored and presented a technical poster - International Conference on Technologies for Sustainable Development, 2015.