

# Shaun Augustin Gonsalves

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Looking for internships and coops starting in the summer of 2020. Pursuing Master of Science in Computer Science (MScS), with 2½ years as a software developer & consultant. Interested in Software Development & Research in areas of Computer Vision, Machine Learning & Cybersecurity.

## ACADEMICS

<b>Rochester Institute of Technology (Currently pursuing)</b>	Rochester, NY
Master of Science (MS) in Computer Science	August 2019 – May 2021(Expected)
Concentration: Artificial Intelligence, Big Data	

<b>Mumbai University</b>	Mumbai, India
Bachelor of Engineering (BE) in Electronics & Telecommunication	July 2012 – May 2016
Coursework: Structure Programming using C, Object Oriented Programming using Java, Microprocessors, Operating Systems, Computer Networks, Wired & Wireless Communication	

## TECHNICAL SKILLS

<b>Programming:</b> Java, Python, C	<b>Other Notable Skills:</b> Git, Agile, HTML/CSS, JavaScript, LaTeX
<b>Operating Systems:</b> Windows, Linux – Ubuntu, RHEL, Android	<b>Software Tools:</b> Apigee, IBM AppConnect & APIConnect,
<b>Database:</b> Oracle, MySQL/MariaDB, PLSQL	Mulesoft Anypoint Platform, Apigee, Matlab R2012

## PROFESSIONAL EXPERIENCE

Tata Consultancy Services, Mumbai, India.	January 2017 – August 2019
Systems Engineer, (Healthcare, Europe & TTH, USA)	

- Developed REST API's and supporting middleware to expose functionalities via WebAPIs.
- Led & demonstrated a Proof of Concept using two tools – Anypoint Platform & Informatica IICS.

Assistant Systems Engineer, (BFSI, India & Healthcare, USA)

- Developed middleware & REST APIs, securely exposing core banking functionality & maintaining a developer portal.
- Developed middleware to integrate systems of a newly acquired company using IBM Integration Bus.

Assistant Systems Engineer – Trainee

- Trained in Business Intelligence (BIPM) & Application Operations (ITIL v3) at TCS, Thiruvananthapuram.
- Achieved an ILP rating of 5/5 at TCS.

## ACADEMIC PROJECTS

Moving Object Tracking and Navigation	January 2016 – April 2016
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- 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 basic website and android app to display navigational instruction with audio aid.

Year-round Orienteering.

February 2020

- Designed and implemented a AI algorithm to select an optimal path for orienteering using geospatial knowledge.
- Designed the solution for four seasons, i.e. Summer, Fall, Winter, & Spring.

## EXTRA-CURRICULAR

National Service Scheme (NSS-DBIT), District Level Camp on “Sustainable Development”

- 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.

Institution of Electronics and Telecommunication Engineers (IETE-ISF), DBIT

- Organised workshops on Quad-copter, PC Assembly. Organised an Industrial Visit to Sterling Generators, Silvassa.

Other Significant Activities

- Undertook digitisation of college instructor manuals using Latex.
- Undertook GIS Mapping of Mithi River in Mumbai for [Greenline](#), as proof to prevent illegal reclamation.