

Shwetha Srinivasan

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- **Languages:** Java, JavaScript, Python, R, Shell Scripting, C++, C, SQL
- **Tools:** Git, Docker, Emacs, Heroku

Education:

University of Melbourne: Master of Science in Computer Science
University of Mumbai: Bachelor of Engineering (Computer) GPA-8.6

Expected Grad Date June 2021

Graduated: July 2018

Academic Projects:

CERN Webfest

June 2020

- Developed a cross-platform application for CERN programs, with the front end interface developed using React Native and the backend APIs wrapped using JAVA web services and Node js.

Balloon Shooter Game

June 2020

- Developed a simple python game that is a preliminary version of the classic balloon shooter game.

Object Detection

August 2019 - October 2019

- Developed an object detection project using python and Nginx server, to access webcam in Docker containers.

Amazon Gaming Hackathon

September 2019

- Developed an amazon Alexa application wherein the backend was powered by API generation using Node js that was hosted in AWS.

Krushyantra-The Predictive Cultivation System

July 2017 - July 2018

- Developed a prediction system using R and python to predict the best variety of crops and published a paper in 'International Journal for Advanced Research in Applied Science'. ISSN no [2394 8442](#)
- Selected in the top 20 teams in the 'International Sustainability Challenge' conducted at IIT Bombay.

Experience:

Isgood.ai, Melbourne Australia: Data Scientist

March 2020 - present

- Developing data-driven applications to create intelligent systems that bring about social welfare.
- Developing functions to retrieve data and return preprocessed data for data visualization using python.

Collegepond, Mumbai India: Software Consultant

February 2019 - June 2019

- Developed automated web-crawling applications to extract required data for analysis using R.

Tata Institute of Social Sciences, Mumbai India: Junior Data Engineer

January 2019 - April 2019

- Developed a dashboard for platform interaction-based data visualization and analysis using d3js.
- Worked in data cleaning, extraction, and analysis of survey and platform-based data using python and R.

Tata Institute of Social Sciences, Mumbai India: Software Developer

September 2018 - December 2018

- Developed dynamic and responsive User Interface as a front end-developer using react JS framework.
- Worked software testing and bug fixes of existing websites developed using python Django.

SIES Graduate School of Technology, Mumbai India: Software Intern

June 2017 - September 2017

- Developed an application for attainment level automation using R.

Infoway Softwares, Mumbai India: Software Developer Intern

December 2016 - January 2017

- Developed an Android application for consumer and builder interaction.
- Upgraded existing website to make it responsive using CSS and JS frameworks.

Miscellaneous:

- Have contributed to public repositories that are part of the Github Arctic Code Vault 2020.
- Selected amongst 1840 applicants to attend the CERN summer student program under the computer science division 2020.
- Working as a peer mentor to assist undergraduate students at the University of Melbourne.
- Developed a chatbot using Dialog Flow for patient survey and assistance for the Kidney Health Australia in 2019.
- Mentored an 'Internet of things' workshop conducted by the TATA institute of fundamental research in 2019.
- Completed A1 level Spanish course with distinction in 2018.