

# Vaasudevan Srinivasan

 Github  Skype  LinkedIn

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## EDUCATION

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- **University of New Brunswick** Fredericton, NB  
*Master of Engineering in Geodesy and Geomatics; CGPA: 4.2/4.3* Sep 2018 – Dec 2019
- **College of Engineering Guindy, Anna University** Chennai, India  
*Bachelor of Engineering in GeoInformatics; CGPA: 8.07/10.0* Aug 2014 – Jul 2018

## EXPERIENCE

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- **Énergie NB Power** Fredericton, NB  
*GIS CoOp Student* May – Aug 2019
  - Built Network Dataset by integrating New Brunswick Road Network (NBRN) and Energy & Resource Development (ERD) road layers
  - Softwares used: ArcGIS Desktop 10.1, Microsoft office package
- **University of New Brunswick** Fredericton, NB
  - *Teaching Assistant (GGE 3342: Remote Sensing)* Sep – Dec 2019
    - \* Responsible for handling lab materials and evaluating assignments (software: PCI Geomatica)
  - *Digital Technician (for Maria Papaioannou)* Sep'18 – Mar'19
    - \* Created 3D models of the Ancient Abdera site, Greece using the existing site layout, Terrestrial Laser Scanning data, LAS data-sets and developed a website showing the models 
    - \* Technologies used: Cloud Compare, Sweet Home 3D
- **kCube Consultancy Services** Chennai, India  
*Open Source GIS Analyst and Developer* Jul 2017 – Feb 2018
  - Analyzed and developed Risk raster models with the spatio-temporal accidents data
  - Technologies used: Python, GRASS, QGIS, AWS, GNU-coreutils
- **Tezpur University (Indian Academy of Sciences)** Tezpur, India  
*Summer Research Fellow* May, Jun 2017
  - Developed a user-friendly web app for batch processing and codaQback computation of Seismic waveforms using django, bokeh and scipy 

## TECHNICAL COURSES AND CERTIFICATIONS

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ArcGIS Enterprise: Administration Workflows	Sep 17-19, 2019
Creating Python Scripts for ArcGIS	Oct 23-25, 2019
Beauceron Security's Cyber-Awareness	July 2019

## ACHIEVEMENT

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Won **ESRI Canada** GIS scholarship for the year 2019  [View Profile](#)

## DEVELOPMENT SKILLS

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**GIS:** ArcGIS (Desktop, Pro, Online, JS API, Arcpy), GRASS GIS, QGIS, PostGIS, Leaflet

**Languages:** Python, SQL, JavaScript, Bash, R, C, C++, HTML













**Technologies:** git, Django, L<sup>A</sup>T<sub>E</sub>X, AWS


**OS:** Ubuntu-Linux, Windows 8/10

**Softwares and IDEs :** Atom, Vim, Microsoft office package, GIMP

## PROJECTS AND COURSE WORK

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<b>indoorGIS</b> for UNB-HeadHall using Django  	Summer'19
<b>Edmonton Safe Neighbourhoods</b> for ESRI 2020 Map Calendar contest 	Aug 2019
<b>Cholera Spatial Epidemiology</b> using Leaflet (forked project)  	Jul 2019
<b>Fredericton: KnowYourRoute</b> showing accidents data using ESRI JS API  	Apr 2019
<b>Support Vector Machine</b> implementation for Satellite Imagery 	Apr 2019
<b>Site Assessment for Renewable Energy in New Brunswick</b> using ArcGIS, Leaflet  	Nov 2018
<b>Natural Language Processing</b> - Chatbot, Language Models, POS Tagger 	Fall'18
<b>Village Information System</b> using Django and Leaflet 	Apr 2018

**Python modules:** cowsay, periodiclements, thirukkural, flames 








## VOLUNTEERING ACTIVITIES

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<b>Student Executive</b> in “Indian Student Association of UNB”	2019
<b>Senior Executive Member</b> in “Students Quality Council” in Anna University	2016 to 2018
<b>Fund Raiser</b> for “Siruthuligal Charity Club” in Anna University	2017 to 2018
<b>Codify Event Organizer</b> during GeoHorizon (Inter-college Symposium)	2017

## ABOUT ME

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 lover, Chess fanatic, Avid reader of Kalki, Solving different Rubik's cubes,  with (  +  +  )  
Preparing for ESRI Desktop Developer Associate  and AWS Developer Associate  certificate exams