

Vaasudevan Srinivasan

[Github](#) [Skype](#) [LinkedIn](#)

📍 4B-672, Graham Ave, Fredericton, NB - E3B4C3, Canada

☎ +1-506-471-3194 ✉ vaasu.devan@unb.ca

EDUCATION

- **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

- **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 |
| Implant Training about Web Technology languages | Nov 2015 |

ACHIEVEMENT

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

DEVELOPMENT SKILLS

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^AT_EX, AWS

OS: Ubuntu-Linux, Windows 8/10

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

PROJECTS AND COURSE WORK

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

Python modules: cowsay, periodiclements, thirukkural, flames 







WORKSHOPS

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| Information Access and Analysis through the art of searching at Tezpur University | 2017 |
| Revolutionizing Mapping with Open Source at Anna University | 2016 |
| INSPIRE Internship Summer camp sponsored by Department of Science and Technology, Delhi | 2012 |

VOLUNTEERING ACTIVITIES

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

ABOUT ME

 lover, Chess fanatic, Avid reader of [Kalki](#), Solving different Rubik's cubes,  with ( +  + )
Preparing for AWS Developer Associate  certificate exam