

Vaasudevan Srinivasan

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Work Experience

- # Digital Technician for [Maria Papaioannou](#) (Work-Study | UNB) Fall'18 to present
- # Student Intern as GIS Developer at [kCube Consultancy Services](#) (part-time) Jul'17 to Jan'18
- # Summer Research Fellow under [Dr. Rajib Biswas](#) at Tezpur University, Assam-India May to Jun'17
(selected by the [Indian Academy of Sciences](#), Bengaluru)

Projects

No	Title	Description	Tools used
\$1	Location Risk and Route Risk models	Generated Risk models based on the previous Accident Data	GRASS GIS, Python, Linux
\$2	Seismic Wave processing	Visualise seismic data and estimate codaQback codaqback.pythonanywhere.com	Python – Django , Bokeh
\$3	WebGIS portal for Ponneri Taluk	Incorporated Demographic data with GIS	Django
\$4	Renewable energy Site Assessment	Site suitability Assessment for New Brunswick (Fall'18 GIS project) renewsites.pythonanywhere.com	HTML, Leaflet

- * Information-Retrieval based Chatbot, Sentiment Analysis, Language Models using pure Python
- * Drought Analysis by estimation of TVDI using GRASS GIS
- * Network Design for Solid Waste Management using [PgRouting](#)
- * Author of python modules: periodic-elements, cowsay - <https://pypi.org/user/vaasus>

Skills

- // Spatial Technologies : GRASS GIS, QGIS, PostGIS, Leaflet, ArcGIS
- // Programming Languages : Python, R, C, C++, SQL, JS
- // Operating Systems : Ubuntu (GNU-Coreutils), Windows

Education

- MEngg. in Geodesy and Geomatics at University of New Brunswick, Fredericton Fall'18 to present
- BEgg. in GeoInformatics at Anna University, Chennai-India 2014 to 2018
- (part-time) Third year BSc in Computer science, Alagappa University, India 2016 to 2018

Areas of Interest

- Geographic Information system • Natural Language Processing • Total Quality Management

About me

- Agnostic • Opensource evangelist • Cuber • Bibliophile • <https://github.com/VaasuDevanS>