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 Manegement using PgRouting
* Author of python modules: periodic-elements, cowsay - https://pypi.org/user/vaasus

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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
- BEngg. 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

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About me

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