

Frank_Wesley_Graham.xml

Summary

This data is to serve as a graphic representation of Frank Wesley Graham's resume for future employers.

Description

This map contains the compilation of Frank Wesley Graham's career. The map is composed of 4 layers: 'Experience.shp', 'Skills.shp', 'Areas_of_Interest.shp', and 'Education.ecw'. 'Education' is a raster layer that serves as the foundation for the map. 'Areas_of_Interest' are polygons displaying the areas in which Frank took interest in through education and research. 'Skills' are point data displaying the individual skills in each area of interest Frank possesses. 'Experience' are polygons displaying the titles Frank has assumed the role of during his career.

Credits

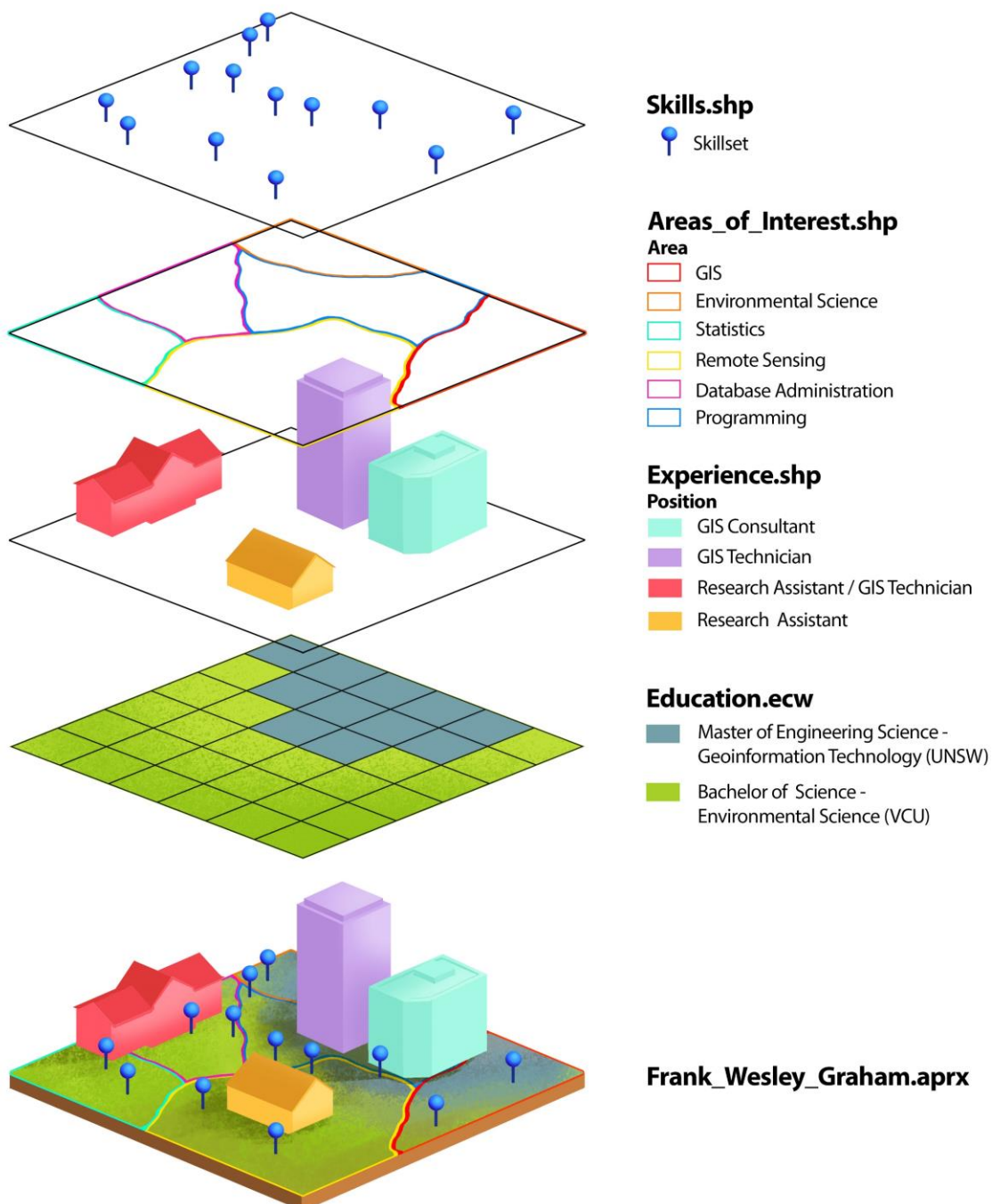
Frank Wesley Graham
grahamfw91@gmail.com
www.frankwesleygraham.com
0466-601-367
45 Kensington Rd
Summer Hill, NSW 2130

Use limitations

Data is redistributable with the approval of the data provider.

Tags

CV, resume, skills, interests, experience, education, Frank Wesley Graham



SELECT Title, Company, Supervisors, Roles
 FROM Experiences
 ORDER BY End_Date DESC;

Title	Company	Supervisors	Roles
GIS Consultant	Jacobs	Richard Lemon, Mary-Ellen Feeney, Jonathan Chen	<ul style="list-style-type: none"> - Design, production, and revision of high quality cartographic outputs - Creation, maintenance, and management of spatial data using various software, including ArcGIS, QGIS, Spatialite, and PostGIS - Analysis, interpretation, and presentation of geospatial data - Utilisation of python to develop tools for automating project workflows - Development of web maps and apps through ArcGIS Online - Creation of maps and forms for mobile data collection in various platforms, including Avenza PDF maps, Arc Collector, and iForm
GIS Tech	DownerMouchel	Ralf Schramm, Gavin Bolton	<ul style="list-style-type: none"> - Utilized kernel density estimations to display defect incidence rates of roads to aid in the development of new focus areas for pavement projects - Built webmaps in Leaflet to enable project managers to access project data on site - Migrated DownerMocuhel from ArcMap to open sourced QGIS to reduce operating costs - Edited and updated outdated excel spreadsheets using SQLite - Designed universal map templates for presentations with clients - Managed the migration of asset data between clients and DownerMouchel's databases - Performed advanced SQL queries in SQLite and Oracle databases - Created basic scripts using ArcPy to automate work flows in ArcMap
Research Assistant / GIS Tech	Virginia Commonwealth University	Ed Crawford	<ul style="list-style-type: none"> - Produced field maps in ArcMap of sample locations - Collected samples and catalogued location via GPS - Created a cell structure table for all macrophytes local to the James River through extensive literature review - Prepared and identified wood samples in accordance to cell structure
Research Assistant	Virginia Commonwealth University	Ed Crawford	<ul style="list-style-type: none"> - Collected dragonfly specimens to create an updated catalogue for Charles City County - Assisted in the testing of soil and water contamination - Catalogued voucher specimens for dragonfly population statistics

SELECT Area_of_Interest.Area AS 'Area',
 GROUP_CONCAT(skills.program SEPERATOR ' , ') AS 'Programs',
 GROUP_CONCAT(skills.skills SEPERATOR ' , ') AS 'Skills'
 FROM skills
 JOIN Area_of_Interest ON
 Skills.Aol_id = Area_of_Interest.id
 GROUP BY Area_of_Interest.Area;

Area	Programs	Skills
GIS	ArcGIS, QGIS, Inkscape, FME	Data interpretation, Data analysis, Geospatial algorithms, Metadata implementation, Cartography, Georeferencing, Image processing
Environmental Science	MaxEnt, GaBi, STELLA	Life cycle analysis, Material flow analysis, Product environmental footprint, System dynamics, Habitat modeling
Statistics	SPSS, SaTScan, Pandas, Scikit-Learn	ANOVA, Regression, k-Means, Random forests, Mixed models, Temporal spatial statistics
Remote Sensing	ArcGIS, ENVI	SAR, InSAR, DInSAR, LIDAR, Thermal, Photogrammetry
Database Administration	Spatialite/SQLite, PostGIS/PostgresSQL	Table creation, Schema creation, Advance queries, Indexing
Programming	ArcPy, Jupyter Notebooks	Python, SQL, HTML, CSS, JQuery