Michael Chuang

📇 Personal Info

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💼 Work Experience

ESP ASSOCIATES
Raleigh, NC

Application Developer   10/2017 – Present

Project owner of FIMAN Web-application:
Maintain, upgrade and debug FIMAN system. Tasks include python development, SQL server development, web development, GIS database administration, code and data migration and etc.

SQL server Database and geodatabase Administration
Python development
SSRS Report development

PROSTAR GEOCORP
Raleigh, NC

GIS Specialist   06/2015 – 10/2017

Web Mapping Design (Esri, Open Sourcing, QGIS)
Geospatial Analysis (Esri, QGIS, GRASS GIS, SAGA GIS)
Geoprocessing and General Task Automation (Python)
Data Management and Configuration (PostgresSQL, SQL Server)
Web Mapping Modification (HTML, CSS, SLD and JavaScript)
Remote Sensing Analysis

TAI-JIANG NATIONAL PARK TAIWAN

RESEARCH ASSISTANT   07/2011 – 07/2013

Wetland Mapping, Data Input, Categorization, and Analysis (Esri)
Wetland Remote Sensing Analysis (ERDAS IMAGINE)
Optimization of Wetlands for Black-faced Spoonbills (Esri)
Wetland Ecological Monitoring & Investigation
Wetland Preservations

🖥️ Skills

Computer Application:	Programming Languages:	Additional Skills:
Esri	Python	U.S. First-aid License
SSMS	SQL	Taiwan EMT License
SSRS	JavaScript	
Visual Studio	HTML	
pgAdmin	CSS	
QGIS	Visual Basic	
	C#	
	SLD	

🎓 Education

NC State University
Raleigh, NC

Master in Geospatial Information Science and Technology   01/2015 – 12/2016
GPA = 3.8

National Tainan University
Tainan, Taiwan

B.S. in Environmental Science and Technology   09/2009 – 06/2013
GPA = 3.3