Woravich Kumthonkittikul

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💼 Professional Experience

10/2014 – 6/2016 : GIS Technical Support, Esri Product Department,
ESRI (Thailand) Co., Ltd., Bangkok, Thailand.

- Researching evolution of GIS technology, especially from Esri
- Promoting the appropriate GIS solutions to clients and partners for improving their workflows, Advising standard tools or creating customized tools as needed, Being an instructor of on the job training or technical workshop as requested
- Investigating, diagnosing and solving Esri software's issues
- Installing, configuring and deploying ArcGIS Platform and relevant components such as webservers and databases
- Translating and documenting Esri technical documents from English into Thai version and presenting it to Thai customers
- Exhibiting an Esri products' booth in Thai User Conference 2014 and Asia Pacific User Conference 2015 in Bangkok
- Particularly taking responsibility for Network Analyst Extension (extension in ArcGIS Pro, ArcMap, ArcGIS Server), ArcGIS for Server, Portal for ArcGIS and ArcPy (Python library for using ArcGIS)
- My professional skills, such as problem solving, communication, time management, prioritization, teamworking and innovation skills, had been significantly developed. Moreover, I also gathered a wide range of technical skills – i.e. Python programming, Web GIS, ESRI product.

3/2013– 5/2013 : Trainee, Pythagoras SEA Co., Ltd., Bangkok, Thailand

- Studying specifications of survey equipment
- Creating digital maps via AutoCAD by scripting commands

🎓 Education

9/2017 – 9/2018 : Master of Science in Geographic Information Science (Distinction),
University College London (UCL), United Kingdom.
Dissertation: Configurable Web GIS dashboard analysis system: a case study of environmental Impact Assessment (EIA) in Atkins (undertaken in a partnership with Atkins)
Relevant modules
- **GIS Principles and Technology**: overview of GIScience and GISystems including the principle of objected programing; Python.
- **Web and Mobile GIS - Apps and Programming**: programming for the Web mapping application using mainly HTML, CSS and JavaScript on both client and server side flameworks, and deploying across platforms by independent method – ie. phone-gap
- **Spatial Databases and Data Management**: database design and data management for both spatial and non-spatial data
- **Network and Locational Analysis**: the methodologies and techniques to solve locational problems

5/2010 – 4/2014 : Bachelor of Engineering (1st Class Honours, Gold medal, GPA 3.67/4.00)
in Survey Engineering, Chulalongkorn University, Thailand.
Senior project: Evaluating the accuracy of Precise Point Positioning by using the different time duration with Scientific Software
Relevant modules Principles of Geographic Information Systems; Cartography

🖥 Computer/Programming skills

- Programming/Database languages
    - **Python**: implemented real-life problems for commercial work, a part of one module in MSc GIS course and online courses self-study
    - **JavaScript**: a major part of MSc dissertation project, one module in MSc GIS course, online courses and intensive self-practicing
    - **SQL**: one module in MSc GIS course, online courses and intensive self-practicing
    - **R**: two modules in MSc GIS course and online courses self-study
    - **Other language**: MATLAB and Java

- GIS Packages
    - **Esri**:
        - Achieve a technical certificate (Enterprise Administration Associate 10.3, ArcGIS Server)
        - Implemented real-life problems for commercial work: Desktop Software, Web GIS and Mobile Applications
        - Took several Esri both technical and non-technical training programmes
    - **QGIS**:
        - Having sufficient skills for using software efficiently
        - Being capable of working with Python script

🎖 Certifications/Awards

- 2nd place winner of Esri Thailand Innovation award: "MOT Transport Journey Planner" project (Esri Thailand, 12/2015)
- Enterprise Administration Associate 10.3 (ESRI Technical certification, 3/2015)
- 1st Class Honours Gold Medal (University medal from Chulalongkorn University, 7/2014)
- Intania Role Model 2013 (Award from Faculty of Engineering, Chulalongkorn University, 2/2014)
- Outstanding Academic Achievement Award 2011 and 2012 (Award from Faculty of Engineering, Chulalongkorn University, 1/2012 and 1/2013)

👫 Volunteers/Activity Experience

2010 - 2016: Baan KOH Chula, core member and head in 2011
- *A group of students who arrange welcoming freshmen activities.*
- *The experience developed me in various aspects – i.e. leadership, management, socialising and teamworking skills.*

2015: Esri Thailand voluntary camp, member
- Teaching and entertaining a hundred of pupils in Prachinburi Province.

2010 - 2013: Core member of SJM volunteer for rural development club
- The voluntary camps helped rural underdeveloped schools and children in Thailand mainly by constructing their education buildings and teaching local pupils.
- Strongly contributing and participating in several rural and development camps in Sisaket Province (2010), Tak Province (2011), Mahasarakram Province (2011) and Kanchanaburi Province (2013).
- Service mind was cultivated into my personality. Furthermore, I intensely experienced physically and mentally tough work.

💬 Languages

- Thai (Mother Tongue), English (Proficient)

Reference available on request