Ng Teng Heong

tengheong.ng@gmail.com +60-11-2020-6549 linkedin.com/in/tengheongng

OBJECTIVE

I am seeking an urban planner position where I can utilize my expertise in people management, GIS, graphic publication, and research to foster equitable, sustainable, and vibrant communities.

PORTFOLIO HIGHLIGHTS

tengheong.github.io

- Identified area with high social vulnerability to flood in the city of Madison using Principal Component Analysis in R
- Conducted a survey about safe route to school using Qualtrics and audited the road safety in the city of Monona
- Conducted walkability analysis and site planning for the Dane County Regional Airport in Wisconsin

WORK EXPERIENCE

Senior Operation Analyst

⊙ *iCart Malaysia Sdn. Bhd. | Kuala Lumpur*

🕐 *July 2017 - Present*

- Manage the operation of a fleet with over a hundred labors in a leading online groceries delivery company in South East Asia
- Create incentives to improve fleet performance and reduce fulfillment cost per delivery by 15%

Assistant Research Specialist

⊙ *University of Wisconsin-Madison | Madison, WI*

🕐 *September 2015 - May 2017*

- Analyzed social, economical, and environmental impacts of 15 farmers markets in the U.S.
- Developed and visualized food system related GIS database using ArcGIS 10.4.1 and Google MyMaps

Student Health Equity Assistant

⊙ *University of Wisconsin-Madison | Madison, WI*

🕐 *September 2015 - May 2017*

- Led a USD 20,000 Ford Foundation project to provide an affordable local produce service to low-income communities in South Madison, WI
- Performed delivery route analysis and established payment scheme
- Conducted five workshops for 35 volunteers

Transit System Intern/ Urban Scholar

⊙ *Metro Transit | Minneapolis - St. Paul, MN*

🕐 *May 2016 - August 2016*

- Audited and geocoded 270 bus transit facilities in Minneapolis - St. Paul, MI
- Established a GIS database for the audited bus transit facilities

EDUCATION

University of Wisconsin-Madison

M.S. in Urban and Regional Planning, 2017
CGPA: 3.74/4.00

University of Wisconsin-Madison

B.A. in Economics with Math Emphasis, 2013
CGPA: 3.48/4.00

SKILLS

GIS application and GeoComputing
ArcMap 10.4.x, QGIS, GDAL, OGR, ArcPy

Scripting languages
Python, HTML, CSS

Statsctical software
SPSS, R, Qualtrics

Microsoft software
Word, PowerPoint, Excel, Access

Mapping framework
Mapbox, Google Chart, Leaflet, Google MyMaps

Graphic design software
Adobe Creative Suite, Google SketchUp

VOLUNTEER EXPERIENCE

Project Leader

⊙ *Naya Sawera | Jaipur, India*

🕐 *May 2012 - August 2012*

- Led a team of 22 students from 11 countries on women empowerment, HIV+ orphanage welfare, environmental conservation, and children education