

Term Report

Submission date: 2023/11/18

Surname/Given name (the same on passport)	Mondal Shawan		
Your Job title	Research Intern		
Inst. Name of Internship	University Of Taipei		
Name of PI/Department/School	Hsueh-Ching Wang		
Date of Internship	2023/11/01	to	2024/01/31
The specific results and performance of internship (within 1000 words)	<p>Over the course of the last month, I've found myself immersed in an exceptionally enriching internship experience at the University of Taipei. As a third-year undergraduate student majoring in Computer Science and Engineering, this opportunity has proven to be both unique and challenging, introducing me to the realm of research work that significantly deviates from the familiar landscapes of my current field of study.</p> <p>The technical learning curve has been nothing short of exhilarating. Taking on the Google Earth Engine tutorials and grappling with the intricacies of image importing and management has been a plunge into the unknown. These experiences, though initially daunting, have become a significant milestone in my journey. Actively participating in the mapping of the dataset (MODMY09cloud_EVImax) and integrating layers from MOD13Q1 for geospatial analysis has provided me with a firsthand understanding of the practical applications of coding skills in this research domain.</p> <p>Venturing into the literature review phase, where I delved into the research paper titled "Reconstruction of Vegetation Index Time Series Based on Self-Weighting Function Fitting from Curve Features," proved to be both intriguing and demanding. Collaborating with the team, I've begun to bridge the gap between theoretical knowledge and the</p>		

practical implications of this knowledge. This phase has not only broadened my understanding of the subject matter but has also heightened my appreciation for the intricate nature of research work.


In the realm of collaborative learning discussions with the senior team, I've embraced the reality that this work is entirely new for me. However, with a proactive mindset, I've managed to absorb valuable technical insights and guidance. Contributing as a learner, I actively incorporate feedback into ongoing tasks, recognizing each challenge as an opportunity for both personal and professional development.

Beyond the technical facets of the internship, my living experience in Taiwan has added a vibrant cultural layer to my journey. Exploring the local cuisine, traditions, and landmarks during leisure time has not only provided a refreshing break from the intensity of the technical aspects but has also offered me a profound understanding of the rich cultural tapestry that Taipei has to offer.

Adapting to a new work and living environment at the University of Taipei has been a journey of resilience and exploration. Although the work is entirely new, I approach each day with a commitment to give my best. Navigating the complexities of cross-cultural collaboration has become an integral part of my growth process. The challenges encountered in this regard have not only enhanced my adaptability but have also broadened my perspective on global collaboration and the interconnectedness of academic and cultural spheres.

Looking ahead to the next month, my aspirations encompass deepening my technical skills, making further substantial contributions to the project, and embracing the challenges inherent in working within an unfamiliar field. The first month has been a testament to the capacity for learning and adaptation. I eagerly anticipate building on these experiences in the weeks to come, with an ever-growing commitment to making meaningful contributions to the ongoing research project.

In conclusion, the first month of my internship at the University of Taipei has been nothing short of transformative. While the work is entirely new, the

NSTC	International Internship Pilot Program	<p>challenges encountered and the learning experiences gained have solidified my commitment to giving my best and making meaningful contributions to the research project. I am excited about the continued growth, exploration, and the myriad possibilities that lie ahead in the upcoming phases of this enriching internship experience.</p>
Approval by PI	 2023/11/17	