SHAIRATUL ROSLAN
RESUME

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About Me

I am a dedicated and detail-oriented professional with a multidisciplinary expertise in Urban & Regional Planning, Remote Sensing, Image Analysis, Artificial Intelligence, Cultural Heritage conservation & preservation, and Architecture. My adaptable nature and eagerness to learn have allowed me to develop a deep understanding of these fields while embracing innovative ideas and approaches.

My extensive experience spans corporate, professional, and research environments, equipping me with a diverse skill set and the ability to collaborate effectively with individuals from various backgrounds. I am passionate about mentoring and guiding postgraduate students, leveraging my knowledge and enthusiasm to inspire groundbreaking research and foster academic excellence.

EDUCATION

Doctor of Philosophy
University of Technology Malaysia (UTM)

Master in Urban & Regional Planning
International Islamic University Malaysia (IIUM)

Bachelor Sc. in Architecture
Universiti Putra Malaysia

EXPERT BACKGROUND

Urban & Regional Planning

Remote Sensing

Image Analysis

Artificial Intelligence (AI)

Machine Learning

Archaeology

Cultural Heritage

Architecture

GIS Mapping

Hobby Micro Landscape

EXPERIENCE

TOWN PLANNER
PLANMalaysia

Involving in **National Physical Planning Plan 5** policies that translates and coordinates economic, social and other sectoral development policies into physical and spatial dimensions. Its a regional / state planning level through state structural plans and economic corridor development plans.

INTERNSHIP WITH JAPAN SPACE SYTEMS
Japan

My academic journey has been enriched by internship with Japan Space System, where I had the opportunity to work with cutting-edge technologies in satellite imaging and data analysis. Allowed me to deepen understanding of how remote sensing tools can be leveraged for urban planning and landscape analysis, valuable insights into sustainable development and spatial planning.

LECTURER (PRESENT)
Universiti Putra Malaysia

Lecturer in the Department of Landscape Architecture. Specialise in Urban & Regional Planning, with a strong focus on the application of Remote Sensing and Image Analysis techniques. Research and teaching are centered around sustainable urban development, spatial planning, and utilising advanced technologies to detect, analyses, interpret and predict archaeology/heritage areas using AI/Machine Learning technique.

ASST. RESEARCHER & ASST. ARCHITECT
Universities & Architect Firms

Contributed to various research projects focused on urban and regional planning and architecture fields. Supported architectural design projects, working closely with senior architects to create innovative and sustainable solutions for building design & refine design concepts and ensuring that designs adhered to building codes and regulations.