MAVOUNGOU BIBISSI LOYCK DARYL

Northwestern Polytechnical University
XIAN, 710072 China
🌐 daryl01.github.io/darylbibissi/
✉ loyckbibissi@gmail.com
 https:/daryl01.github.io/

RESEARCH INTEREST

Deep learning, 3D rendering, Point cloud processing (registration and compression), Object detection, Feature matching, Sensor fusion.

EDUCATION

2019 – present	**Northwestern Polytechnical University, XIAN** Master of Science in Computer Science, advised by Prof. Yang JiaQi
2015 – 2019	**Zhejiang Normal University, Zhejiang** Bachelor of Engineering in Software Engineering *Thesis: Behavioral clone self-driving car using deep learning*

RESARCCH EXPERIENCE

2020 - *present*	**National Engineering Lab for Integrated Aero-Ground-Ocean Big Data Application Technology** Graduate Research Student, advised by Prof. Yang JiaQi, XIAN, Shaanxi

- Developing robust and stable local shape descriptor for various case scenarios
- Investigating scale invariant properties for point cloud processing

AWARDS & SERVICE

Spring 2017	*1st*, Android Regional Competition, Zhejiang Normal University, Serve as team group leader
Fall 2017	*2nd*, Web design Regional Competition, Zhejiang Normal University, Serve as team group leader

OTHER EXPERIENCE

Fall 2019	**Android Developer,** TBA Tech, Shenzhen, China Developed prototype web App for TBA tech product.
2018 – 2019	**Front-end Web Developer,** Samoa Shangguangji international Co., Ltd, Jinhua, China Developed websites and mobile app to showcase video games

PUBLICATIONS

Preprint:

[1] Dual spin-image: A bi-directional spin-image variant using multi-scale radii for 3D local shape description
[Paper]

SELECTED COURSEWORK

Graduate: Artificial Neural Network and Its Application, Computational Intelligence, Data Mining Techniques, Pattern Classification, High Performance Computing, Information Retrieval, Matrix Theory, Human Computer Interaction, Mathematical Statistics.

Undergraduate: Advanced Mathematics, Linear Algebra, C Programming Language, College Physics, Data Structure and Algorithm, Discrete Mathematics, Database Principal and Applications, Web Development Technology, Object Oriented Programming with Java, Computer Hardware, Software Development on Smart Device, Probability Statistics, Operating System

PROGRAMMING SKILLS

Skill	Level	Skill	Level
C++	●●●●○	MATLAB	●●●○○
Python	●●●●●	JAVA	●●●○○
C	●●●○○	JavaScript	●●●●○

TECHNOLOGIES

Technology	Level	Technology	Level
PCL	●●●●○	LATEX	●●●●○
open3d	●●○○○	HTML/CSS	●●●●○
PyTorch	●●●●●	Angular	●●●●○
Keras	●●●○○	Android	●●●○○
ReactJS	●●○○○	Ionic	●●●○○

REFERENCES

- Prof. Yang JiaQi, NPU, (email: jqyang@nwup.edu.cn)
- Prof. Zhang Yanning, NPU (email: ynzhang@nwpu.edu.cn)
- Dr. Xu Di, NPU (email: xudi@nwpu.edu.cn)