
WANGYULONG

MALE/29

Wuhan University Of
Technology

Maritime Navigation
School

Master's Degree

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Projects :

<https://github.com/NAVERON>

Job Intention

Software Engineer

JavaWeb, python, JavaFx

Skills

JavaWeb Development,
JavaFx Client Development
Java algorithm and use
Software tools, CET 4

JOB EXPERIENCE AND INTENTION

Experiences: (2019.07 – 2022.02) Java Development 2 years in Xiaomi, major in application management system. (2017.09 – 2017.11) Take a part-time job when I at school, learning machine learning theory and python.

Job Intention: Major in Java back-end programming, hope to be full stack developer. Expecting field is *Web Server, Simulation, Remote Control* and so on...

PROJECT RESULTS AND SKILLS

OPENSOURCE PROJECT & USV COLLISION AVOIDANCE ALGORITHM & APPLICATION MANAGEMENT SYSTEM

Application management system: Major in Java backend development and fixup bugs. Responsible for the application automated testing system during in Xiaomi.

USV simulation software: Research in usv collision avoidance problems, develop simple simulation software using JavaFx.

Opensource Project: JavaFx simulation development

EDUCATION AND HOBBIES

Education : Maritime Navigation & Computer Science, Highest Degree is Master Degree, transport engineering.

Hobbies: Drawing and Art design, Swimming, Climb and other Sports.



EDUCATION BACKGROUND:

1. Transport engineering Master degree | Wuhan University Of Technology

period: 2016.9 – 2019.7

major courses: Marine traffic modeling and simulation, Ship control theory and technology

2. Maritime navigation Bachelor degree | Wuhan University Of Technology

period: 2012.9 – 2016.9

major courses: The principle of the ship, ship operation and collision avoidance

3. Computer Science Minor degree | Huazhong University of Science and Technology

period: 2014.3 – 2015.10

major courses: data structure, operation system, compiler theory, so on ...

WHAT CAN I DO:

1. Optimized software system or java web project

a. optimize the application management system processing

2 years experience on maintenance application audit system in Xiaomi, and fixup bugs if some logic is wrong. Based on Spring framework, having a semi-automatic audit process. Major Program language is Java;

b. compatibility label function development

Improved application compatibility label showing, before we have to management the compatibility label manually, and now it synchronized from other department, increased reusability.

c. library of hazardous application

In order to control the risk of application, create a library which store hazardous application, and add a management interface in content management system.

2. Learn by doing and complete some project

a. Programming skills

Experience in Java basics and complete program development processes;
Good adaptability and ability to learn quickly

b. Keep accomplishing one thing

Based on Minor degree thesis, a simulation for ship collision avoidance, in the next 3 years, iterator delivery 4 versions and make it to be a complete tools, including displaying, animation, save simulation data to file and show operation during simulation. Here is hyperlink :
<https://github.com/NAVERON/ShipSimulation>



Github Opensource

3. Others Skills

a. Drawing and Art design

Having basic skills to painting, and participate propaganda department making some posters. Also, have ability to design program structure.

b. Using software tools and find funny things

Interested in software using and like to implement some function by myself. When I free, I will do some test to realize data structure or funny projects. Have experience using Mathematica Software, and help me solve math problems.